

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043347.D
 Acq On : 25 Oct 2019 19:57
 Operator : JU
 Sample : K5514-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Manual Integrations
 APPROVED

Quant Time: Oct 26 04:49:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39395	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	150629	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	104566	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	256562	20.00	ng	0.00
76) Chrysene-d12	21.67	240	266722	20.00	ng	0.00
87) Perylene-d12	24.86	264	42215	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	297074	138.18	ng	0.00
7) Phenol-d6	7.22	99	412501	133.36	ng	0.02
23) Nitrobenzene-d5	9.19	82	260452	89.14	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	301431	151.48	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	722160	95.43	ng	0.00
79) Terphenyl-d14	20.01	244	1425987	100.30	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29398	35.090	ng	98
3) Pyridine	3.95	79	87047m	41.189	ng	
4) n-Nitrosodimethylamine	3.80	42	45916	43.057	ng	94
6) Aniline	7.38	93	8526	2.393	ng	# 88
8) 2-Chlorophenol	7.60	128	119012	50.148	ng	94
9) Benzaldehyde	7.17	77	48746	32.068	ng	84
10) Phenol	7.24	94	141798	50.168	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	97400	44.571	ng	99
12) 1,3-Dichlorobenzene	7.91	146	121435	40.840	ng	97
13) 1,4-Dichlorobenzene	8.06	146	123495	41.050	ng	97
14) 1,2-Dichlorobenzene	8.38	146	122909	41.844	ng	93
15) Benzyl Alcohol	8.27	79	19598	9.022	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	133199	41.919	ng	98
17) 2-Methylphenol	8.49	107	95284	46.243	ng	98
18) Hexachloroethane	9.11	117	43474	40.054	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	91669	45.864	ng	99
20) 3+4-Methylphenols	8.82	107	126349	44.718	ng	90
22) Acetophenone	8.85	105	174672	45.282	ng	# 98
24) Nitrobenzene	9.23	77	135341	48.626	ng	96
25) Isophorone	9.75	82	258834	48.455	ng	98
26) 2-Nitrophenol	9.94	139	69489	51.714	ng	95
27) 2,4-Dimethylphenol	10.01	122	110884	57.575	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	54171	18.374	ng	92
29) 2,4-Dichlorophenol	10.49	162	135568	54.939	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	140003	45.015	ng	98
31) Naphthalene	10.88	128	364220	47.636	ng	98
32) Benzoic acid	10.19	122	63332	43.997	ng	97
33) 4-Chloroaniline	11.02	127	10149	3.238	ng	# 93
34) Hexachlorobutadiene	11.17	225	99838	43.425	ng	96
35) Caprolactam	11.78	113	41429	48.748	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	145911	54.208	ng	99
37) 2-Methylnaphthalene	12.48	142	281204	47.934	ng	98
38) 1-Methylnaphthalene	12.70	142	268900	48.174	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	181578	46.921	ng	99

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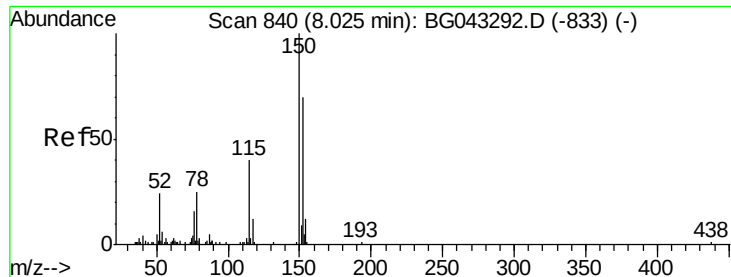
Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	185564	91.283	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	126520	55.516	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	139683	60.626	nq	97
46) 1,1'-Biphenyl	13.49	154	385592	48.473	nq	98
47) 2-Chloronaphthalene	13.53	162	301163	49.758	nq	99
48) 2-Nitroaniline	13.74	65	59077	32.657	nq	98 mohammad
49) Acenaphthylene	14.37	152	329356	34.964	nq	99
50) Dimethylphthalate	14.11	163	501097	61.869	nq	99
51) 2,6-Dinitrotoluene	14.23	165	95847	54.472	nq	97
52) Acenaphthene	14.72	154	279206	48.603	nq	98
53) 3-Nitroaniline	14.57	138	12488	7.351	nq	# 75 10/26/2019 10:01:00 AM
54) 2,4-Dinitrophenol	14.77	184	90118	81.834	nq	95
55) Dibenzofuran	15.05	168	487962	52.380	nq	98
56) 4-Nitrophenol	14.90	139	132535	116.418	nq	92
57) 2,4-Dinitrotoluene	15.01	165	137718	54.767	nq	99
58) Fluorene	15.70	166	408000	52.218	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	142682	58.287	nq	# 99
60) Diethylphthalate	15.47	149	430563	52.907	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	234814	51.516	nq	98
62) 4-Nitroaniline	15.73	138	29050	16.558	nq	94
63) Azobenzene	15.98	77	303979	46.153	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	75066	49.717	nq	96
66) n-Nitrosodiphenylamine	15.91	169	36076	4.981	nq	96
67) 4-Bromophenyl-phenylether	16.58	248	167062	48.385	nq	97
68) Hexachlorobenzene	16.71	284	189439	47.798	nq	99
70) Pentachlorophenol	17.06	266	233940	129.539	nq	96
71) Phenanthrene	17.44	178	664806	50.602	nq	99
72) Anthracene	17.53	178	667004	50.743	nq	100
73) Carbazole	17.81	167	24120	2.026	nq	98
74) Di-n-butylphthalate	18.35	149	740598	51.277	nq	100
75) Fluoranthene	19.45	202	850582	49.661	nq	99
78) Pyrene	19.81	202	703698	42.623	nq	99
80) Butylbenzylphthalate	20.69	149	317851	50.816	nq	98
81) Benzo(a)anthracene	21.65	228	835928	50.034	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	2719	0.421	nq	# 44
83) Chrysene	21.71	228	855129	51.514	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	488959	55.031	nq	99
85) Di-n-octyl phthalate	22.75	149	839340	55.680	nq	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	768254	36.869	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	901576	377.083	nq	99
89) Benzo(k)fluoranthene	23.92	252	840326	349.123	nq	98
90) Benzo(a)pyrene	24.71	252	487123	213.355	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	869241	372.212	nq	99
92) Benzo(g,h,i)perylene	29.64	276	589585	255.943	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



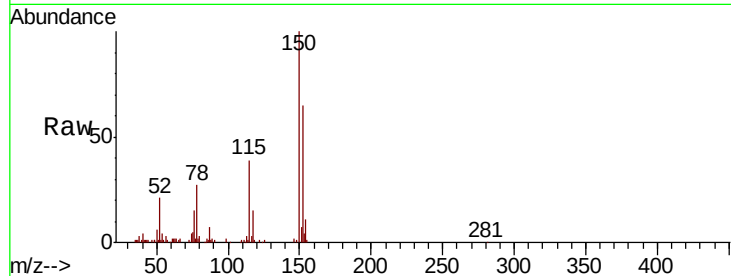
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	113.6	170.4
115	59.3	45.9	68.9

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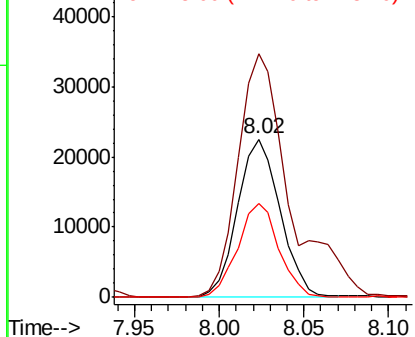


Abundance

Ion 152.00 (151.70 to 152.70): E

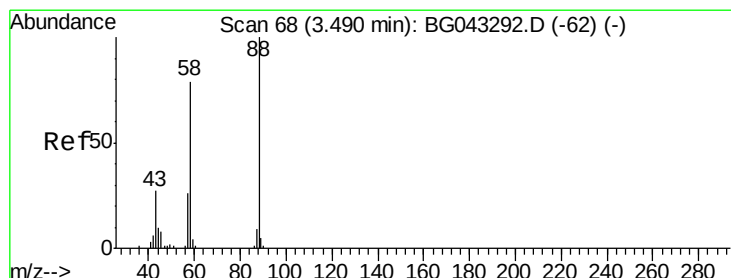
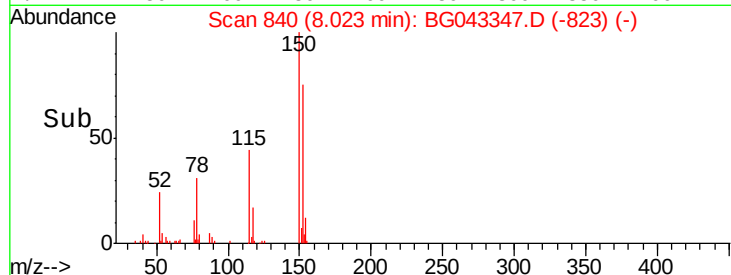
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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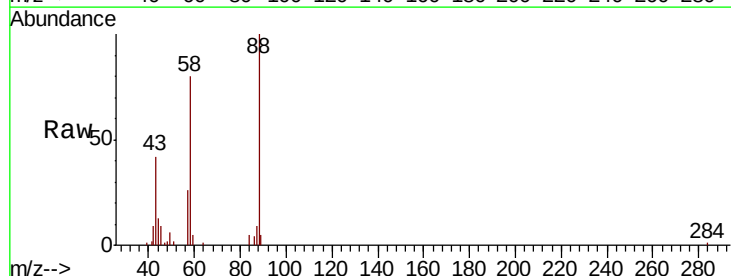
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#2

1,4-Dioxane
Concen: 35.090 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	60.2	90.2
43	31.1	22.7	34.1

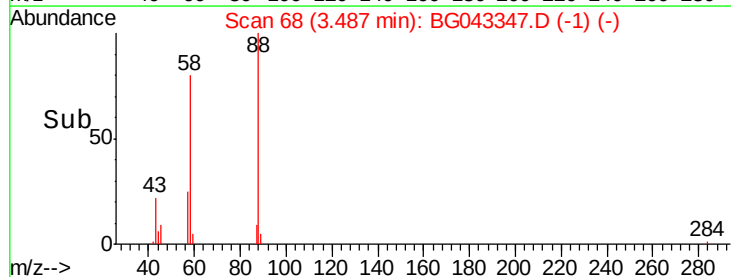
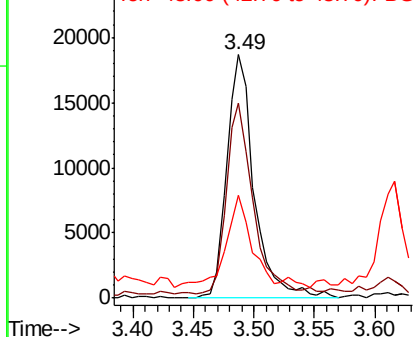


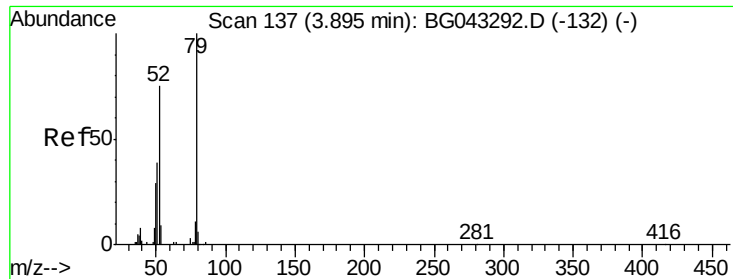
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.189 ng/ml

RT: 3.95 min Scan# 146

Delta R.T. 0.05 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

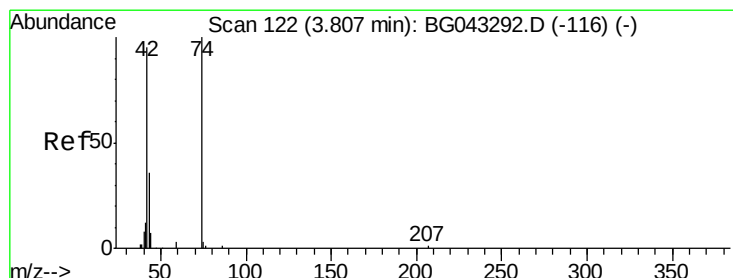
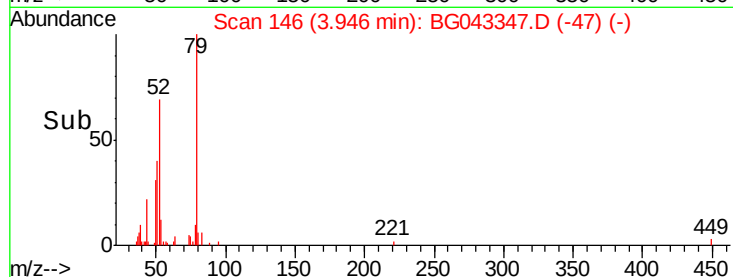
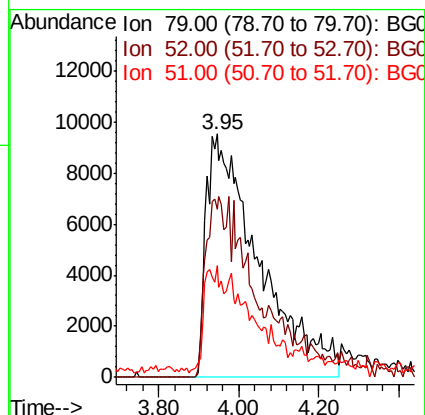
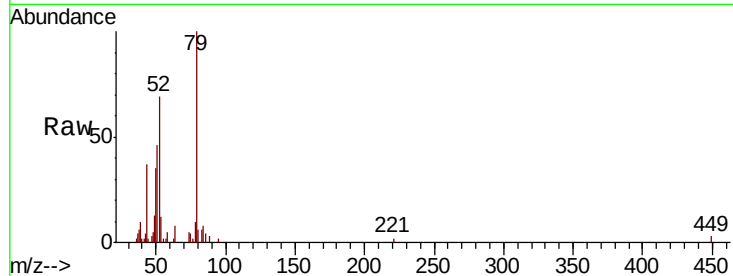
BNA_G

ClientSampleId :

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Tot Ion:	79	Resp:	87047
Ion	Ratio	Lower	Upper
79	100		
52	68.9	59.7	89.5
51	46.1	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 43.057 ng/ml

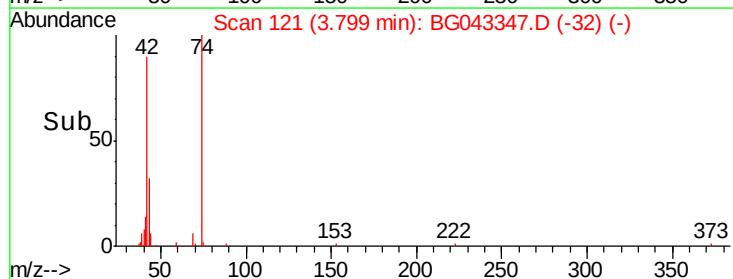
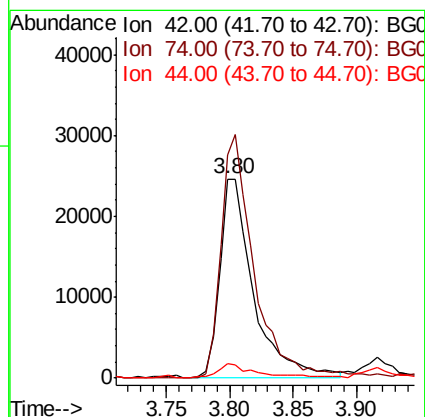
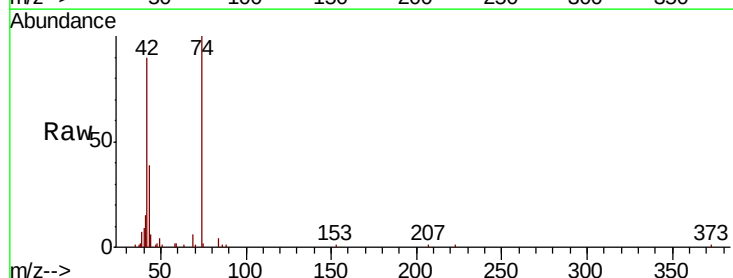
RT: 3.80 min Scan# 121

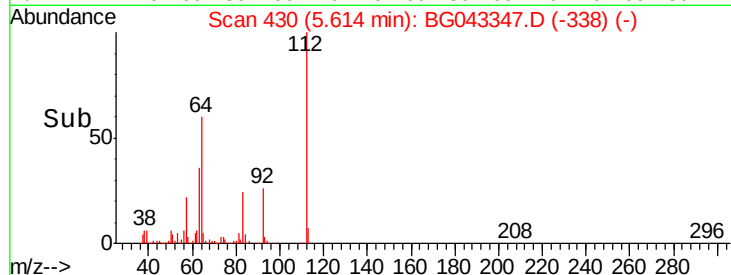
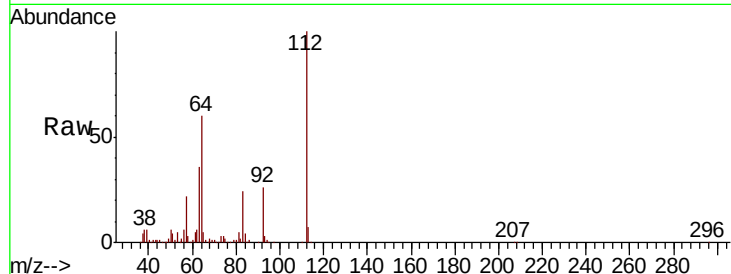
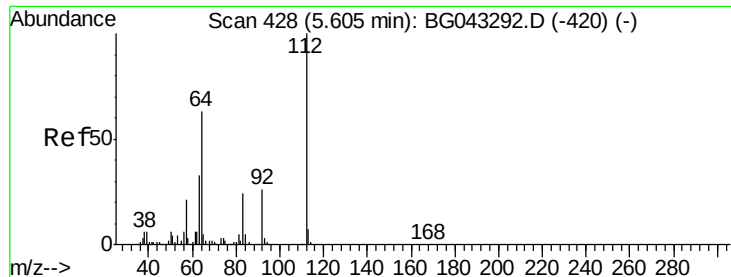
Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	42	Resp:	45916
Ion	Ratio	Lower	Upper
42	100		
74	111.7	84.2	126.2
44	7.2	6.0	9.0





#5

2-Fluorophenol

Concen: 138.183 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tot Ion:	112	Resp:	297074
Ion Ratio	Lower	Upper	
112	100		
64	60.3	50.2	75.2
63	35.8	26.7	40.1

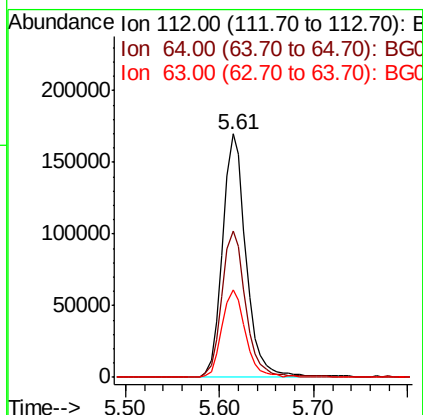
Instrument :

BNA_G

ClientSampleId :

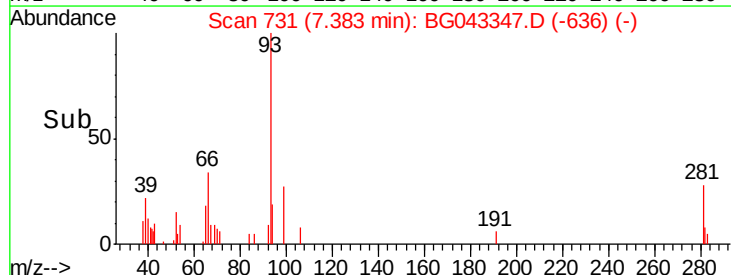
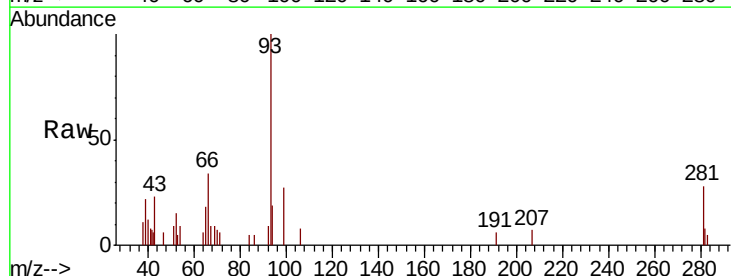
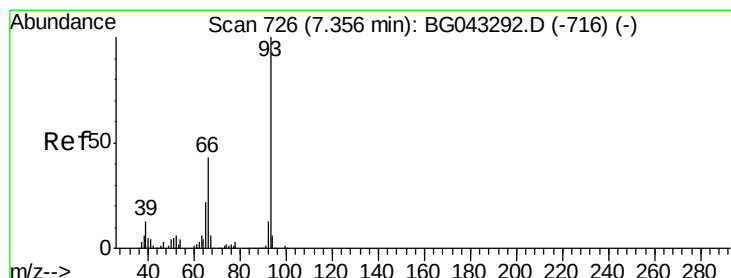
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#6

Aniline

Concen: 2.393 ng

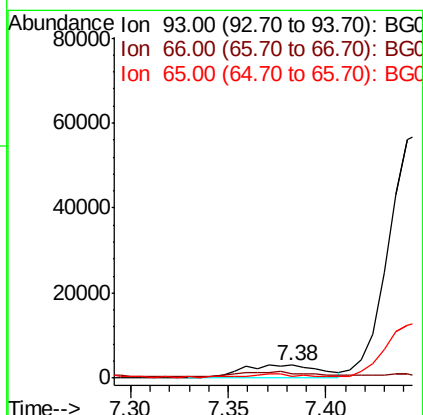
RT: 7.38 min Scan# 731

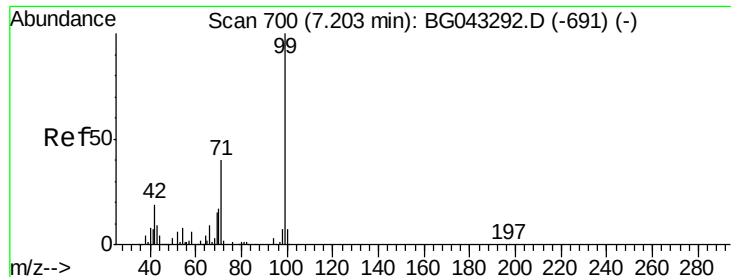
Delta R.T. 0.03 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	93	Resp:	8526
Ion Ratio	Lower	Upper	
93	100		
66	34.3	34.5	51.7#
65	17.7	18.0	27.0#





#7

Phenol-d6

Concen: 133.360 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

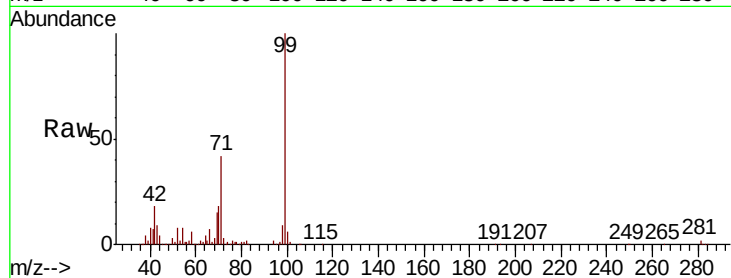
BNA_G

ClientSampleId :

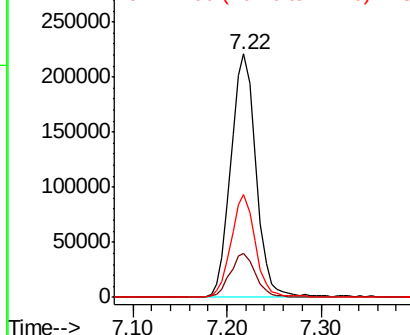
ROLL-OFF-WATERMSD

Tot Ion:	99	Resp:	412501
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.9	22.3
71	42.2	32.2	48.2

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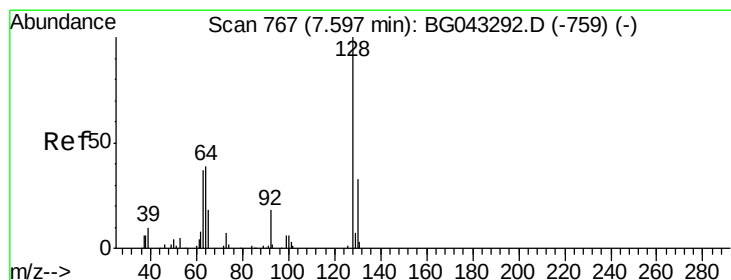
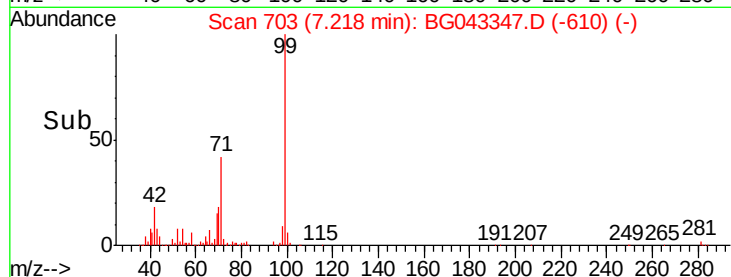


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 50.148 ng

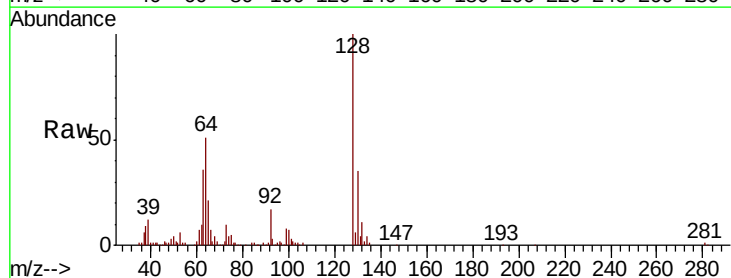
RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

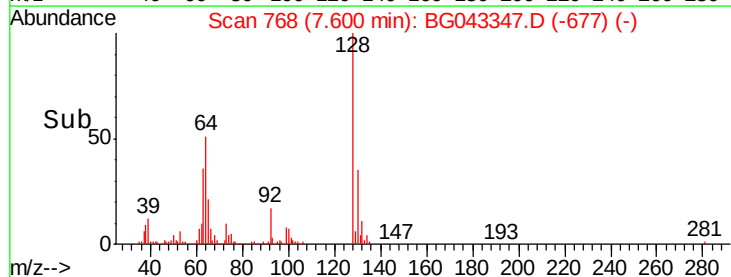
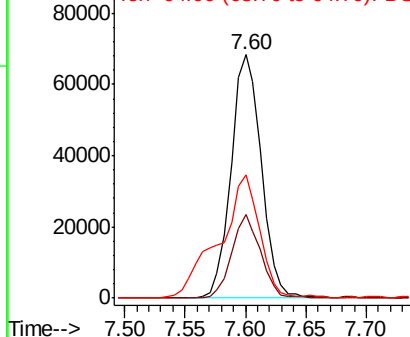
Lab File: BG043347.D

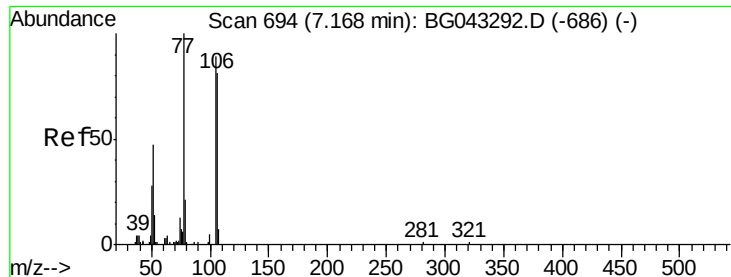
Acq: 25 Oct 2019 19:57

Tgt Ion:	128	Resp:	119012
Ion Ratio	Lower	Upper	
128	100		
130	34.5	12.9	52.9
64	50.8	24.9	64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.068 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

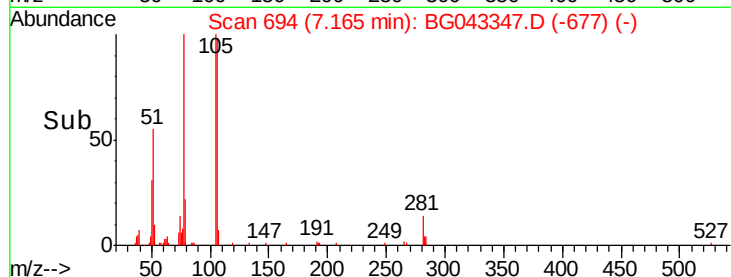
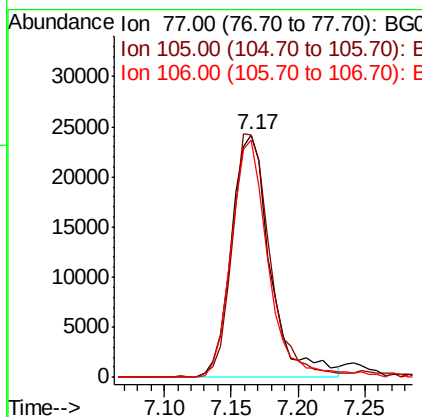
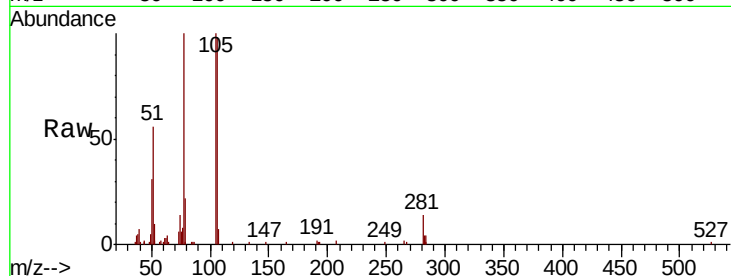
BNA_G

ClientSampleId :

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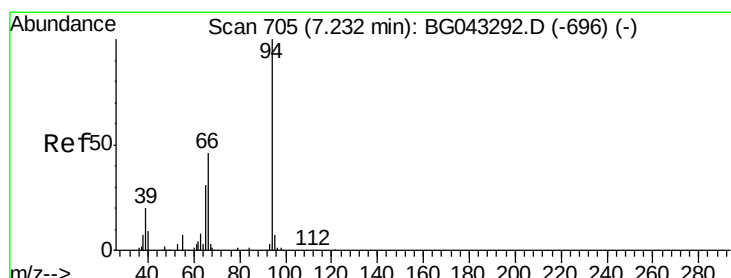
Tot Ion: 77 Resp: 48746
 Ion Ratio Lower Upper
 77 100
 105 100.1 68.7 108.7
 106 97.8 60.5 100.5

Manual Integrations
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#10

Phenol

Concen: 50.168 ng

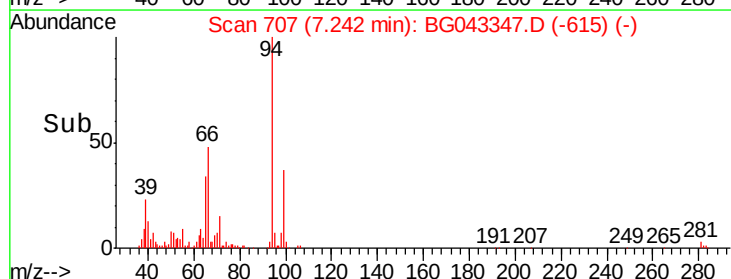
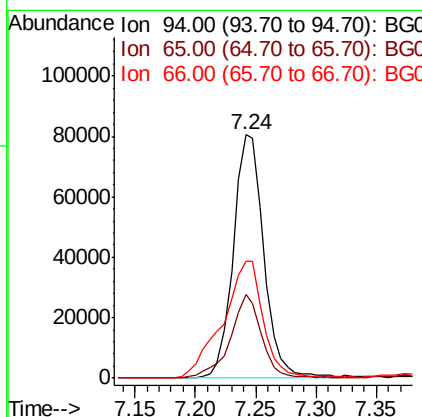
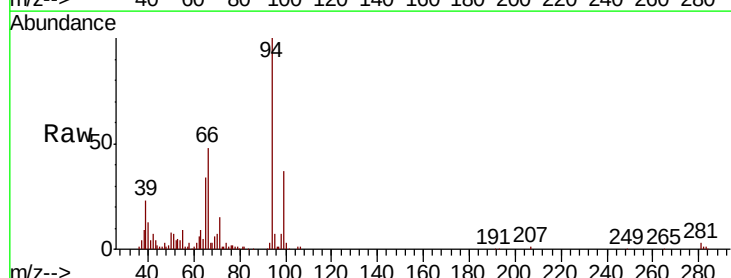
RT: 7.24 min Scan# 707

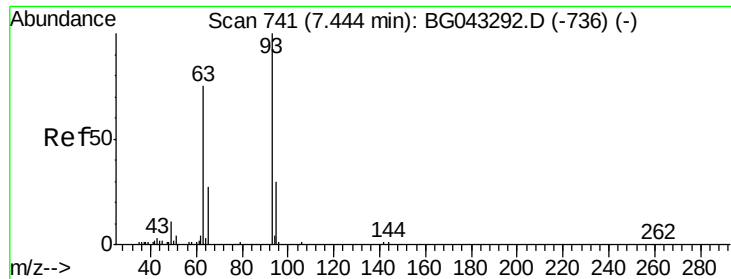
Delta R.T. 0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion: 94 Resp: 141798
 Ion Ratio Lower Upper
 94 100
 65 34.4 11.1 51.1
 66 48.3 27.8 67.8



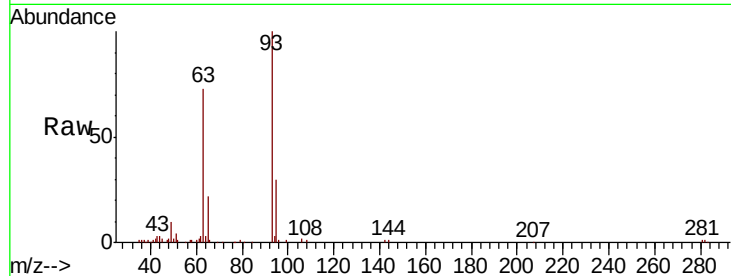


#11
bis(2-Chloroethyl)ether
Concen: 44.571 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:	93	Resp:	97400
Ion	Ratio	Lower	Upper
93	100		
63	73.3	54.6	94.6
95	30.3	9.7	49.7

Manual Integrations
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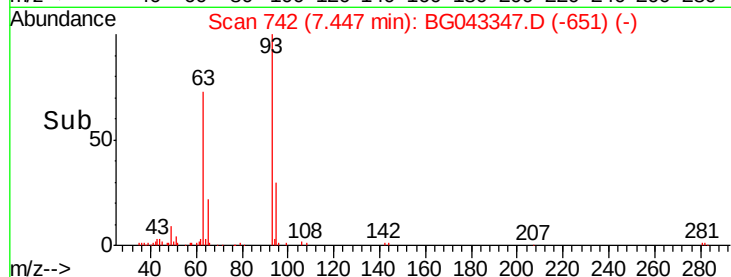
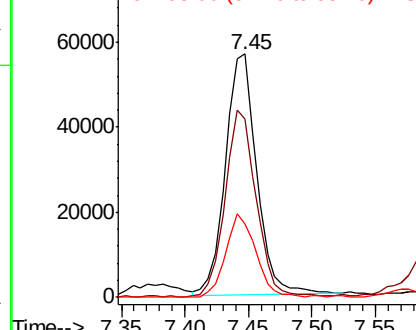


Abundance

Ion 93.00 (92.70 to 93.70): BGC

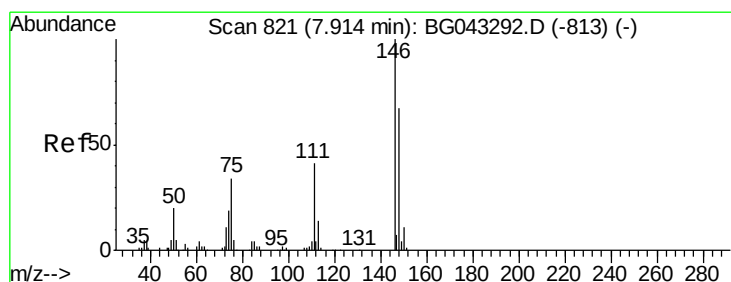
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



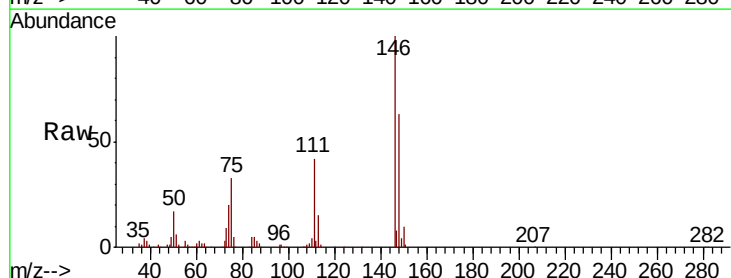
mohammad

10/26/2019 10:01:00 AM



#12
1,3-Dichlorobenzene
Concen: 40.840 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:	146	Resp:	121435
Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.2
75	33.0	27.0	40.4

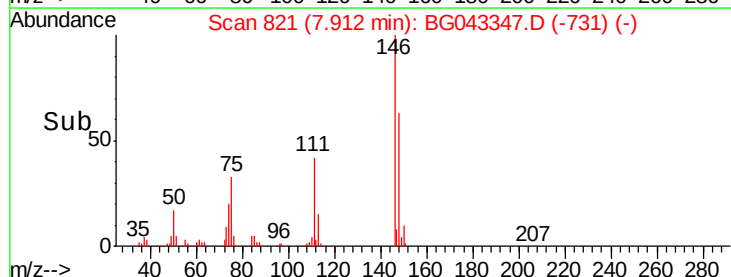
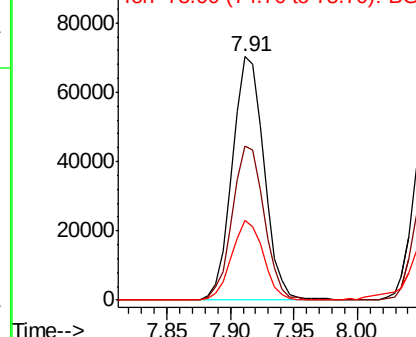


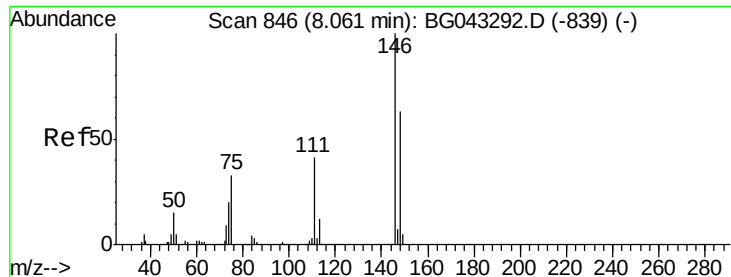
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC



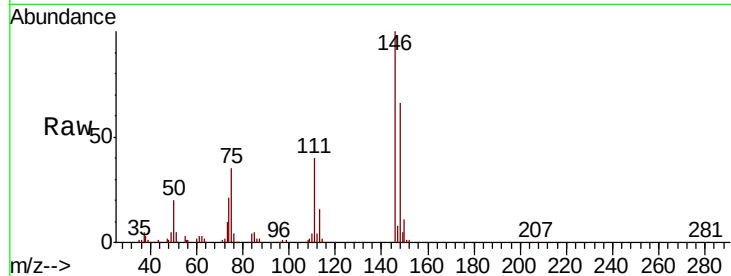


#13
 1,4-Dichlorobenzene
 Concen: 41.050 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.7	76.1
111	39.6	33.0	49.6

Manual Integrations
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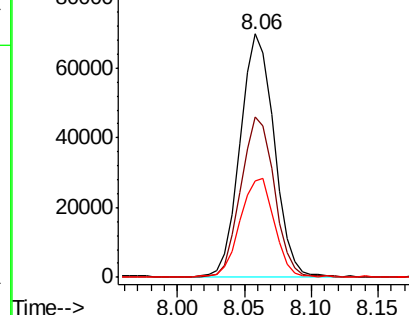
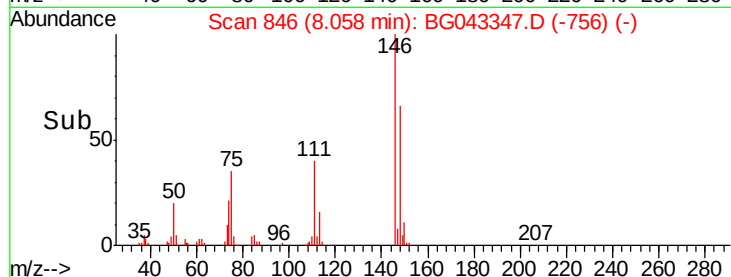


Abundance

Ion 146.00 (145.70 to 146.70): E

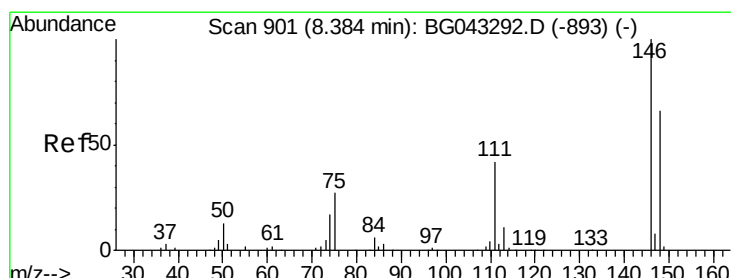
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



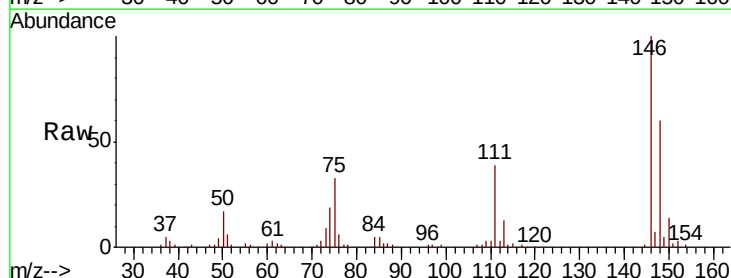
mohammad

10/26/2019 10:01:00 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.844 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	53.0	79.4
111	38.8	34.5	51.7

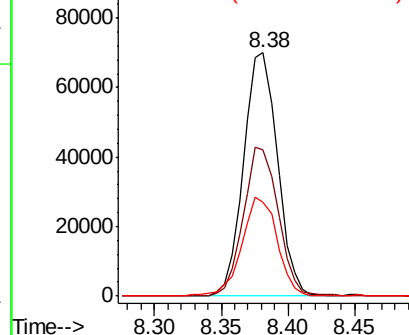
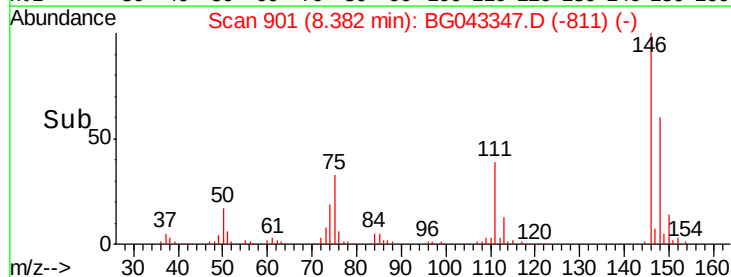


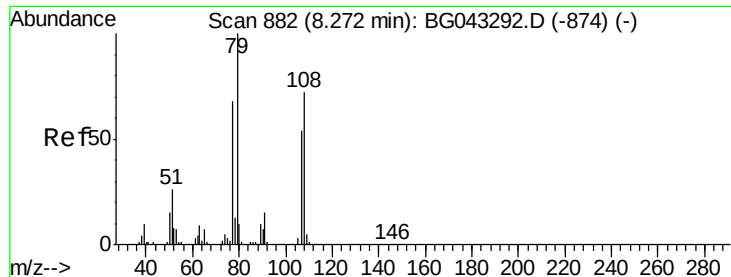
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.022 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

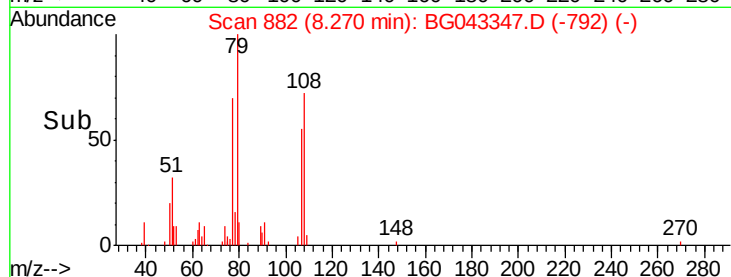
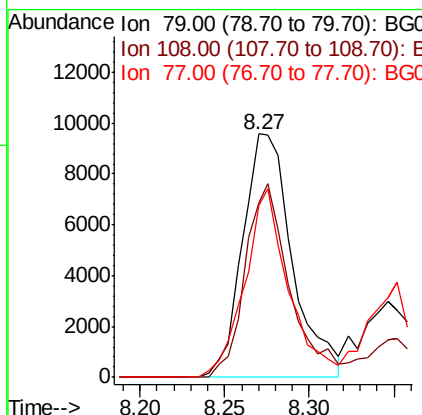
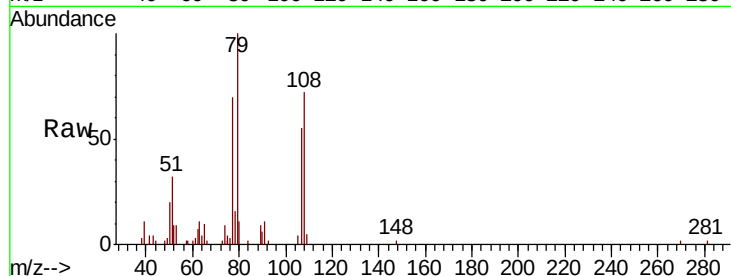
BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

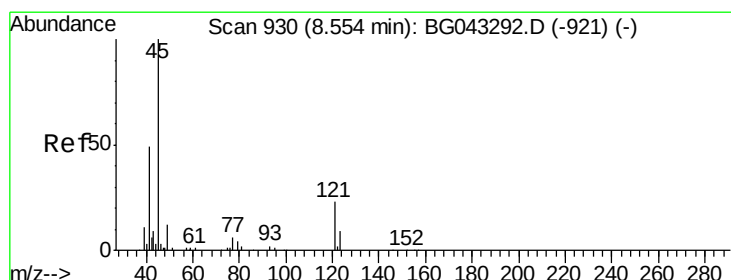
Tot Ion:	79	Resp:	19598
Ion Ratio	Lower	Upper	
79	100		
108	71.8	57.3	85.9
77	70.5	54.6	81.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.919 ng

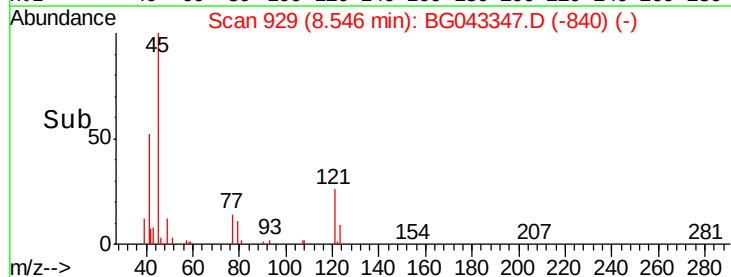
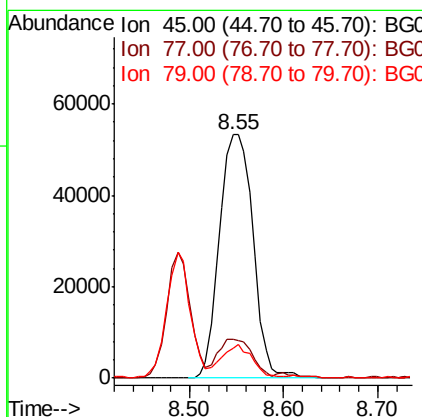
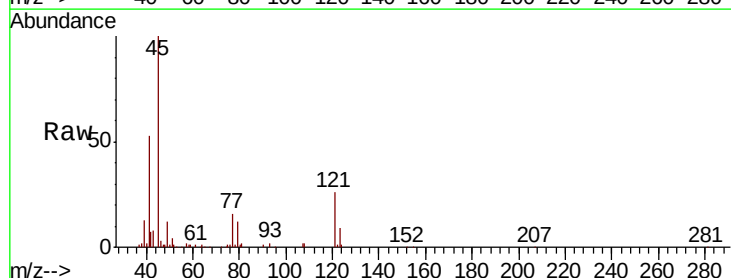
RT: 8.55 min Scan# 929

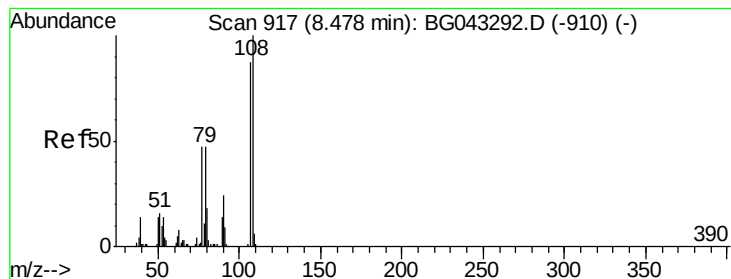
Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	45	Resp:	133199
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	34.2
79	12.4	0.0	32.3



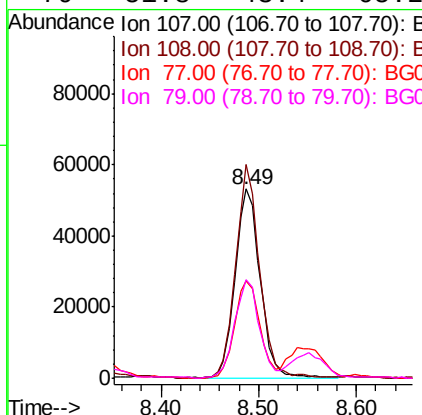
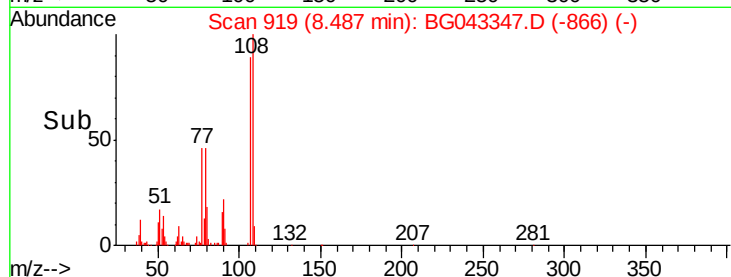
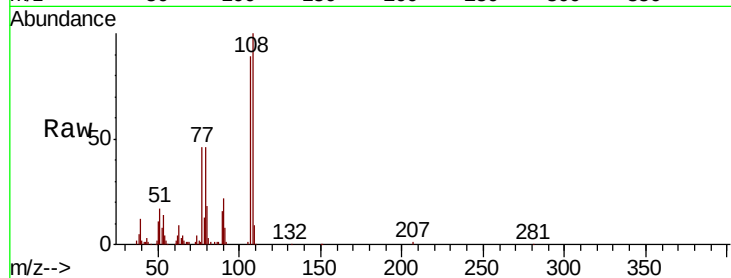


#17
2-Methylphenol
Concen: 46.243 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

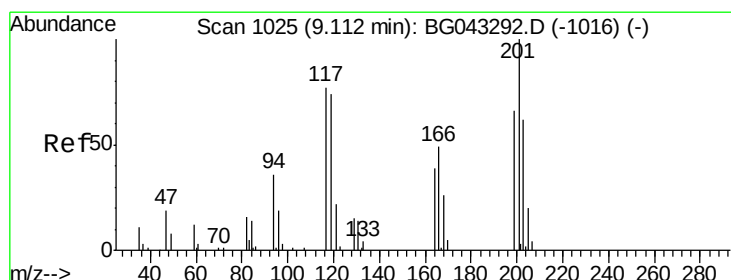
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.3	136.9	
77	51.7	43.0	64.6	
79	51.8	43.4	65.2	

Manual Integrations
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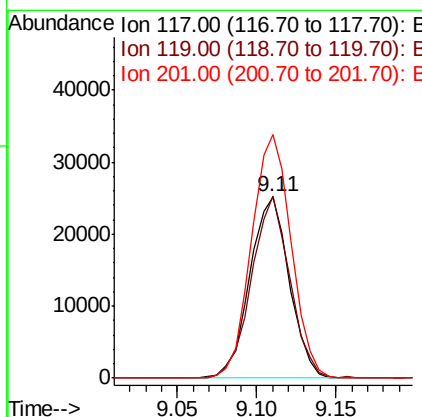
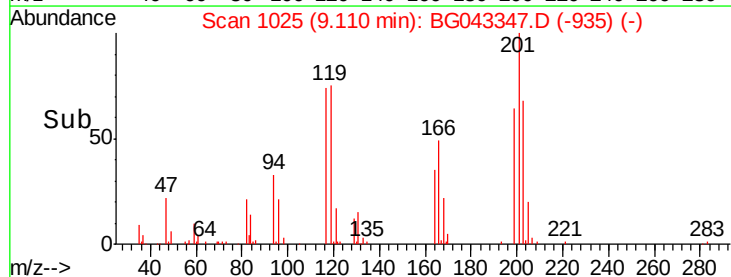
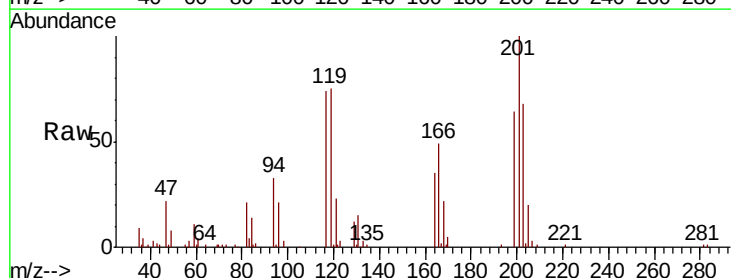
mohammad

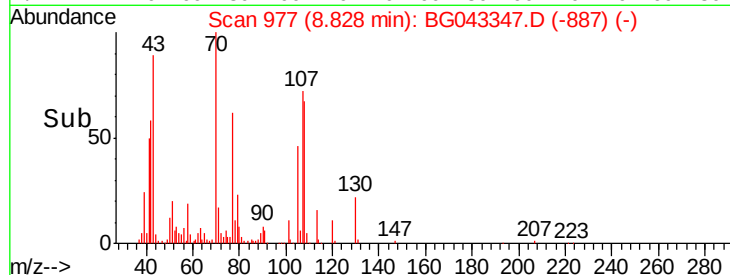
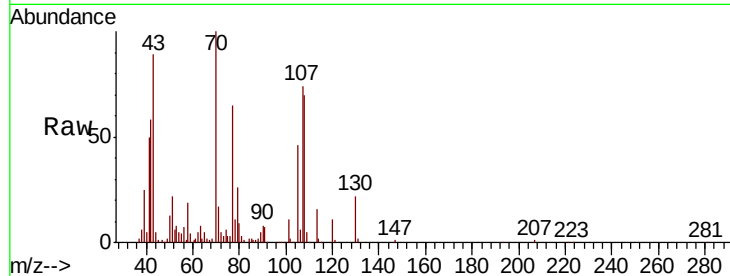
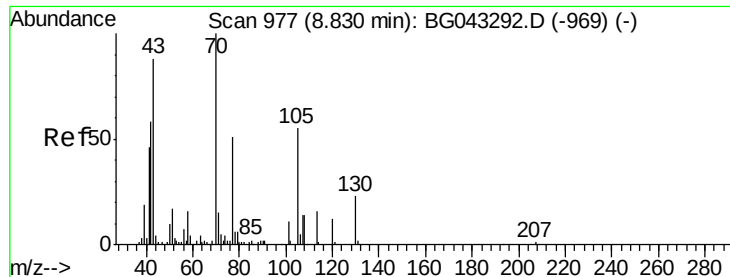
10/26/2019 10:01:00 AM



#18
Hexachloroethane
Concen: 40.054 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

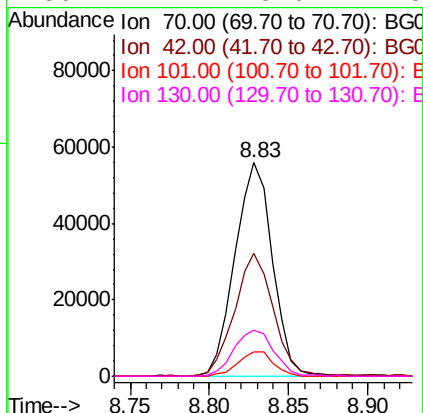
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.7	77.3	115.9	
201	134.6	104.2	156.4	





#19
n-Nitroso-di-n-propylamine
Concen: 45.864 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	46.2	69.2	
101	11.2	8.6	13.0	
130	21.7	18.6	27.8	

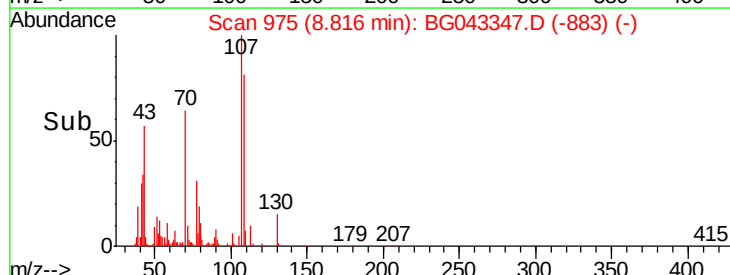
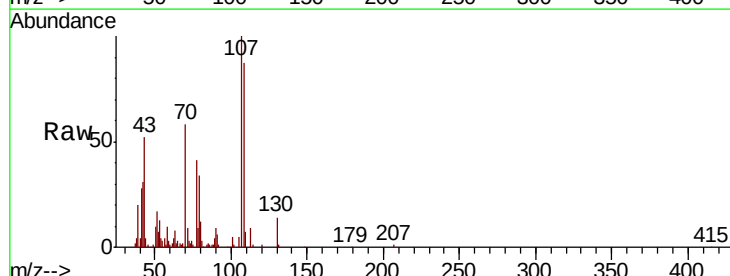
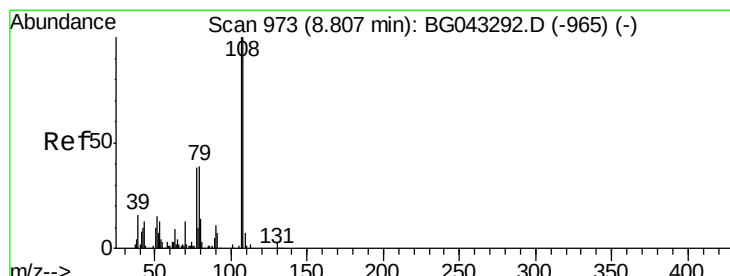


Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Manual Integrations
APPROVED

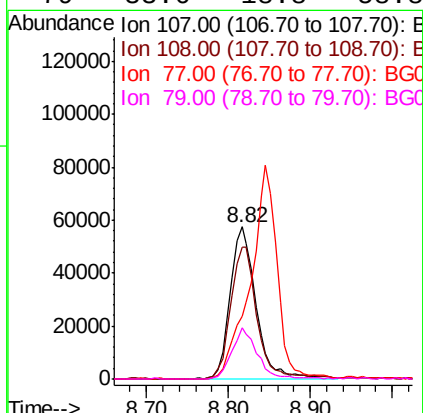
mohammad

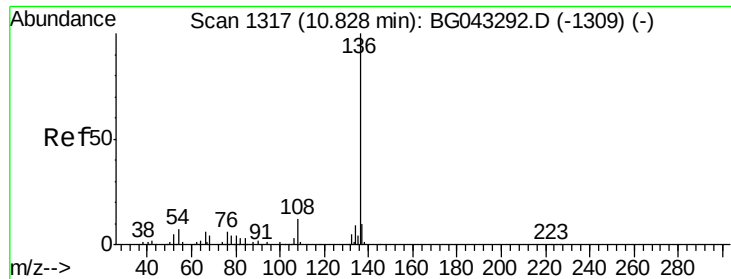
10/26/2019 10:01:00 AM



#20
3+4-Methylphenols
Concen: 44.718 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	80.3	120.3	
77	41.2	18.2	58.2	
79	33.6	18.8	58.8	



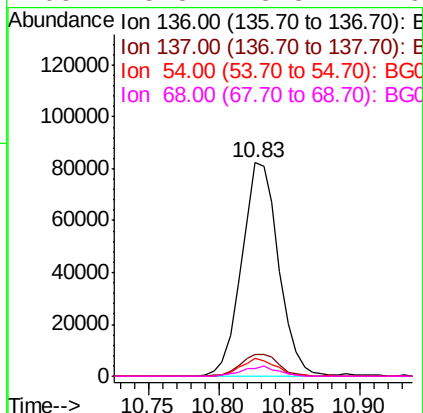
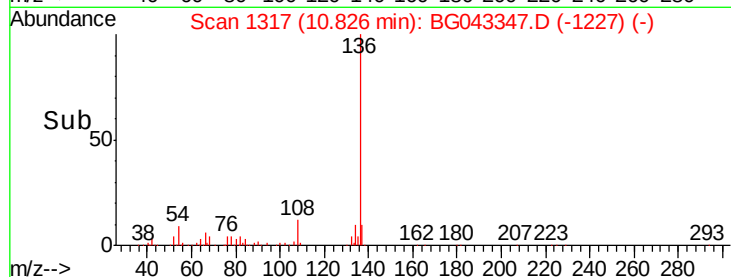
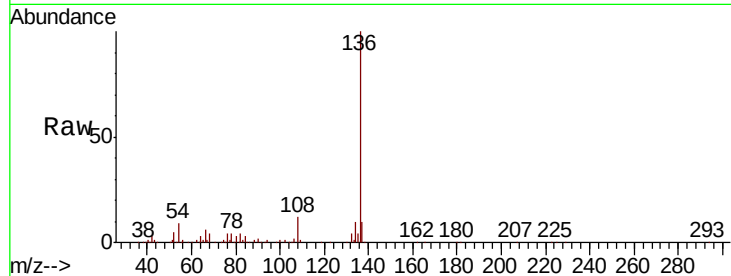


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

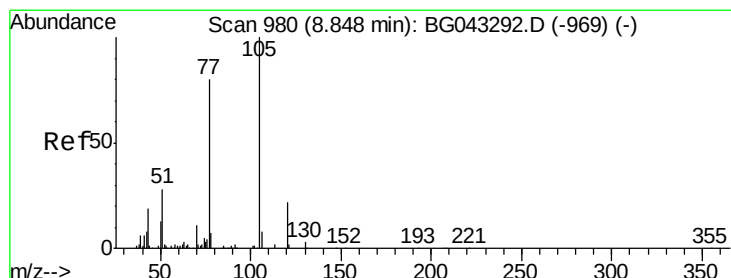
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.0	8.2	12.2	
54	8.6	5.4	8.2#	
68	3.8	3.3	4.9	

Manual Integrations
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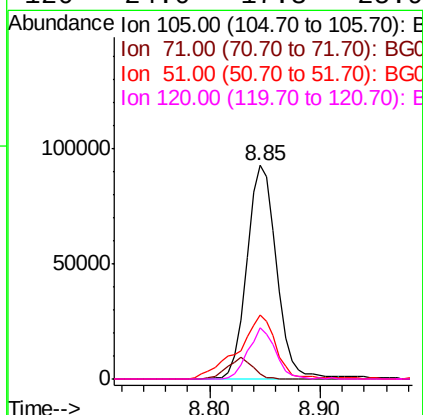
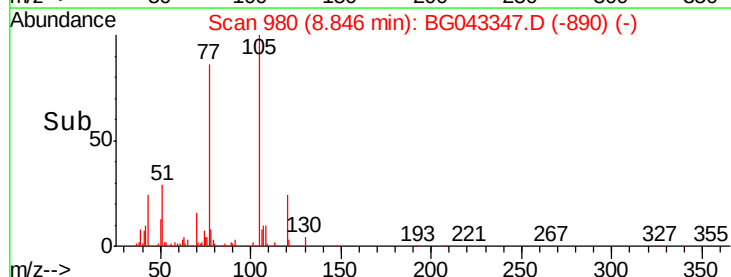
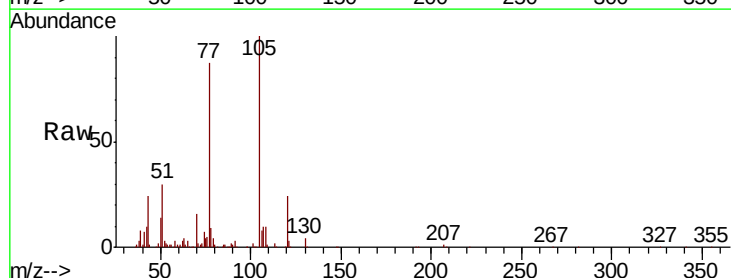
mohammad

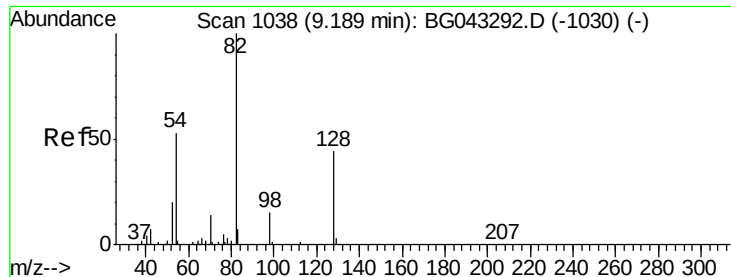
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#22
Acetophenone
Concen: 45.282 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	1.5	2.3#	
51	30.0	23.9	35.9	
120	24.0	17.3	25.9	



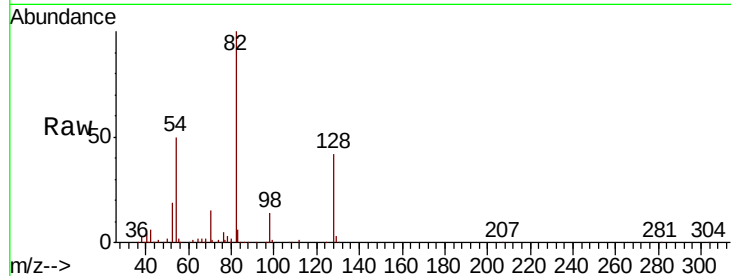


#23
 Nitrobenzene-d5
 Concen: 89.143 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.3	52.9
54	49.7	42.3	63.5

Manual Integrations
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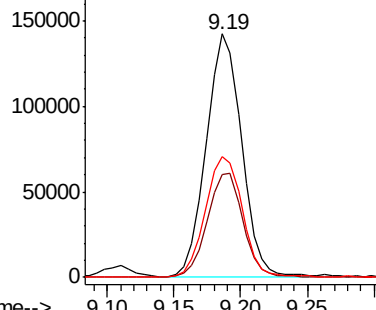


Abundance

Ion 82.00 (81.70 to 82.70): BGC

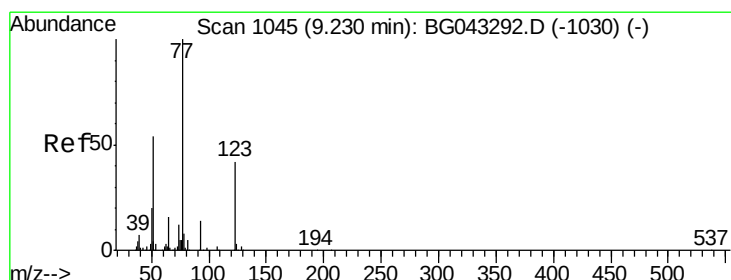
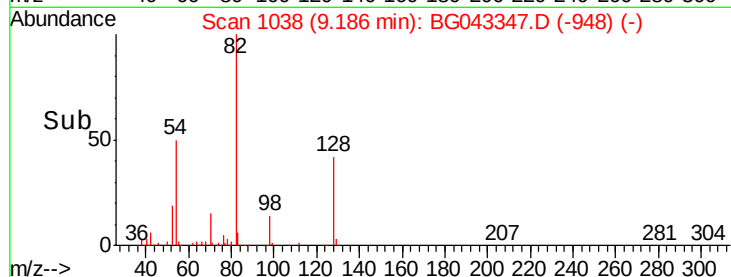
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



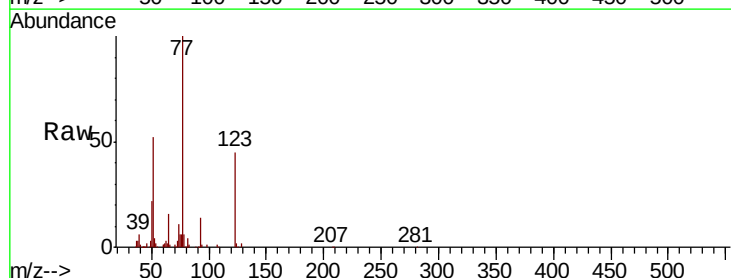
mohammad

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#24
 Nitrobenzene
 Concen: 48.626 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.8	50.8
65	16.5	13.0	19.4

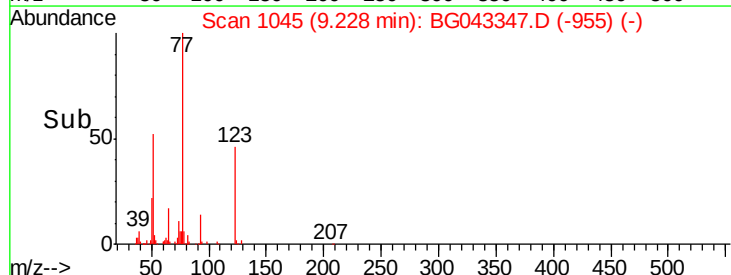
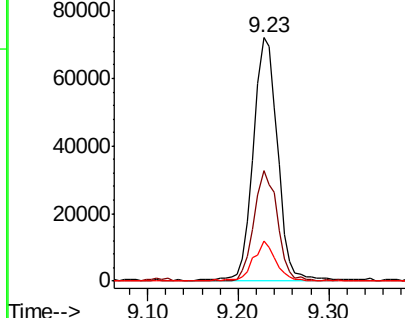


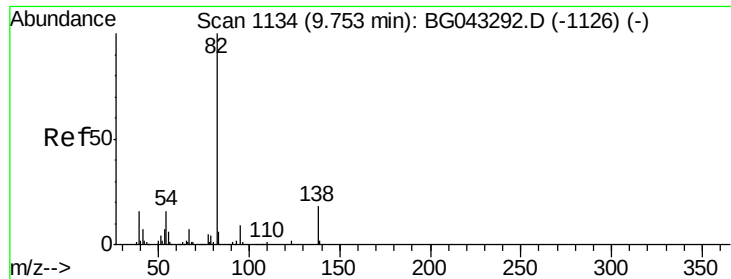
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.455 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

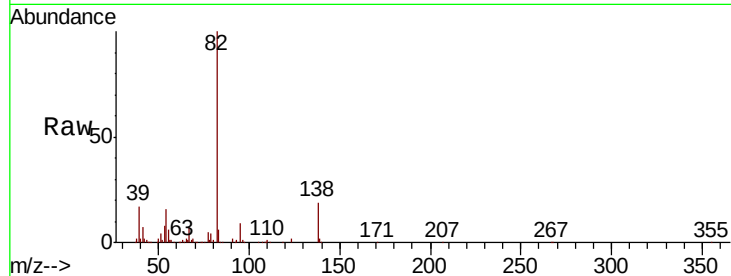
BNA_G

ClientSampleId :

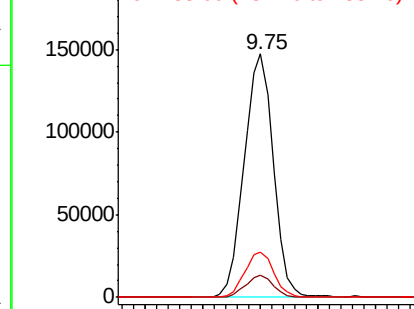
ROLL-OFF-WATERMSD

Tot Ion:	82	Resp:	258834
Ion Ratio		Lower	Upper
82	100		
95	9.1	6.9	10.3
138	18.6	14.2	21.2

Manual Integrations
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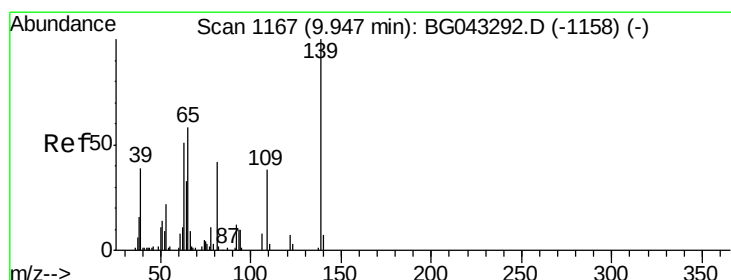
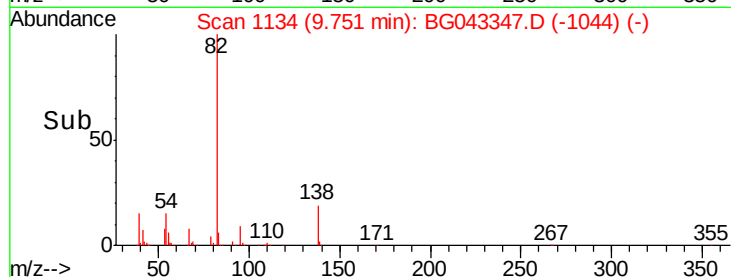


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



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#26

2-Nitrophenol

Concen: 51.714 ng

RT: 9.94 min Scan# 1166

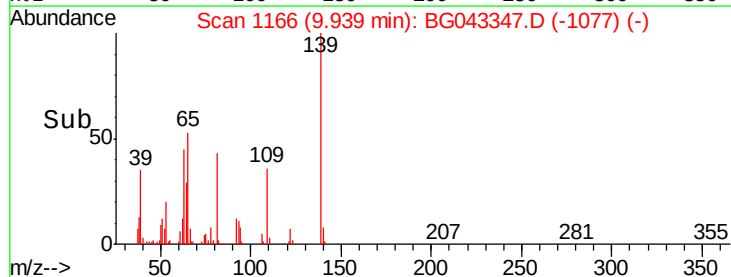
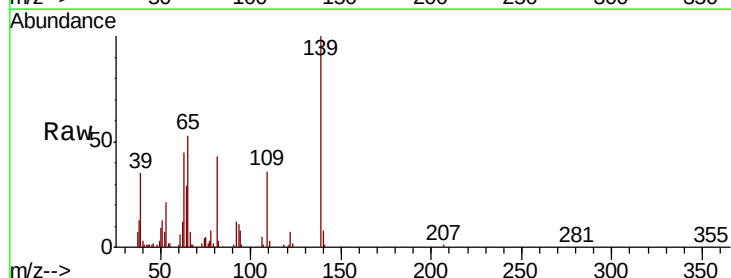
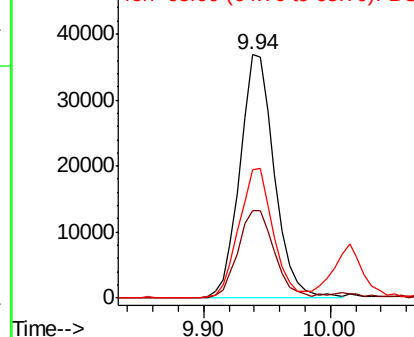
Delta R.T. -0.01 min

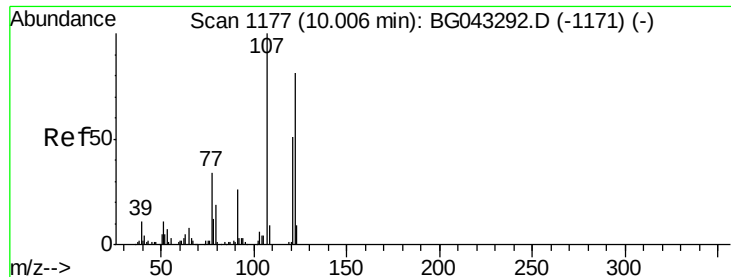
Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	139	Resp:	69489
Ion Ratio		Lower	Upper
139	100		
109	36.0	30.1	45.1
65	52.7	46.1	69.1

Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



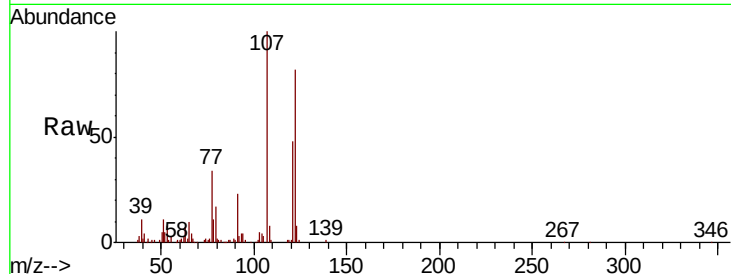


#27
2,4-Dimethylphenol
Concen: 57.575 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.5	98.6	147.8
121	58.4	50.1	75.1

Manual Integrations
APPROVED



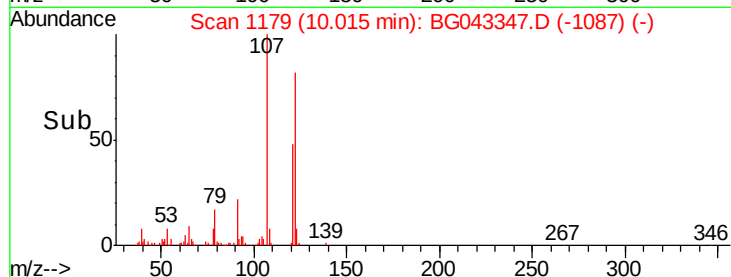
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

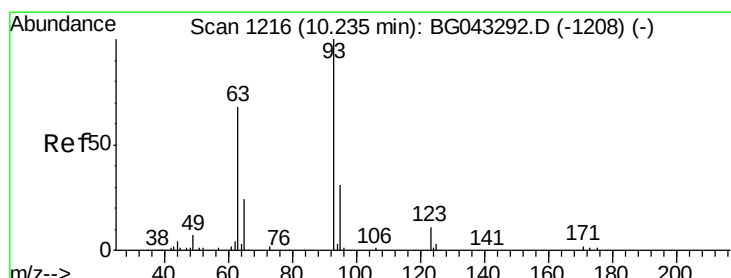
Time-->



Time-->

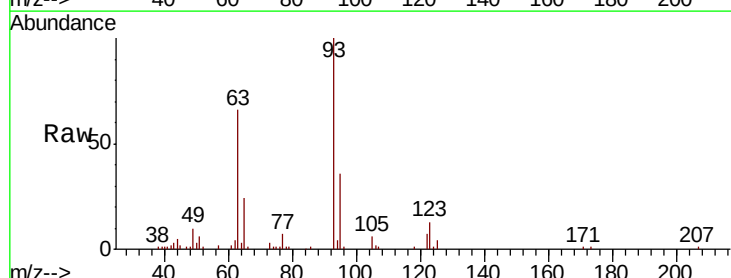
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#28
bis(2-Chloroethoxy)methane
Concen: 18.374 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.4	24.9	37.3
123	13.1	8.9	13.3



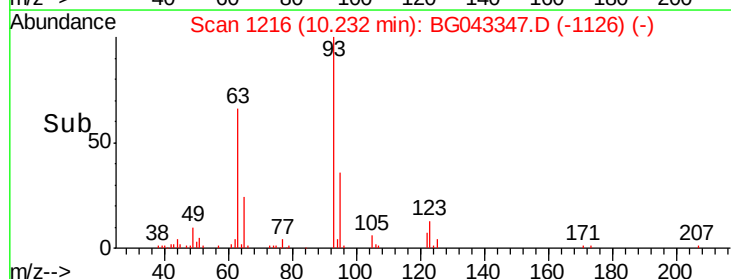
Abundance

Ion 93.00 (92.70 to 93.70): BGC

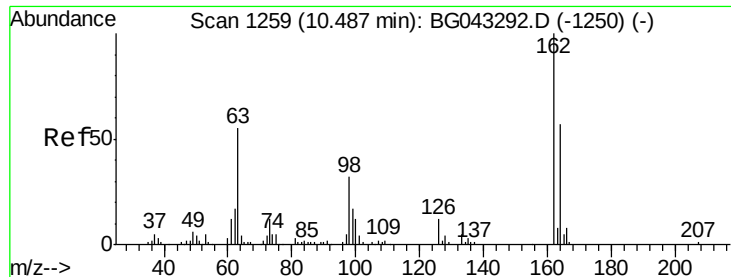
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

Time-->



Time-->

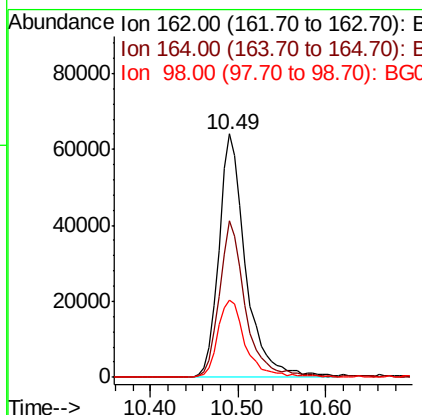
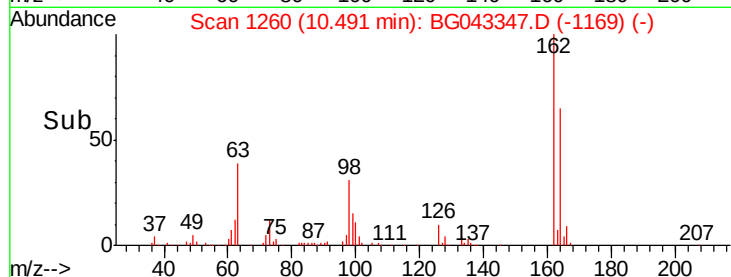
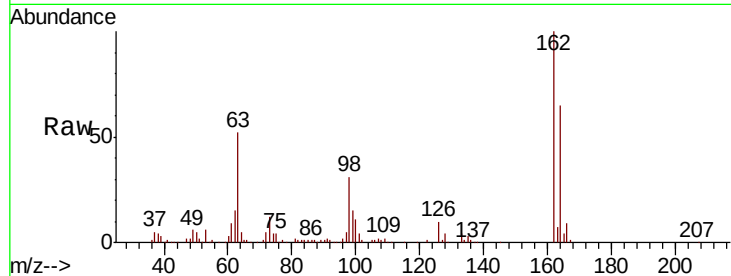


#29
 2,4-Dichlorophenol
 Concen: 54.939 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

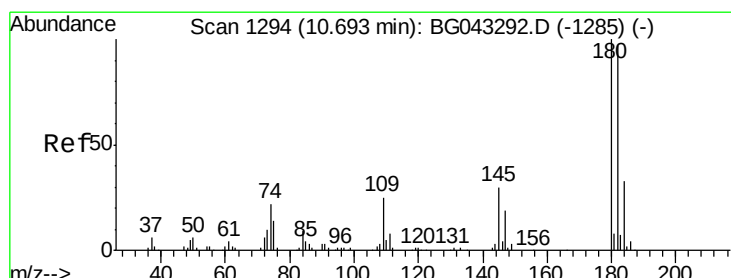
Tot Ion	Ratio	Resp	Lower	Upper
162	100	135568		
164	64.5	37.3	77.3	
98	31.5	11.8	51.8	

Manual Integrations
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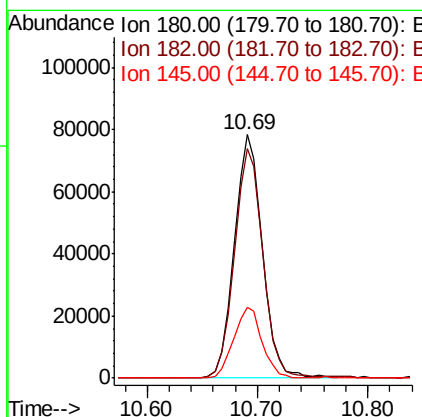
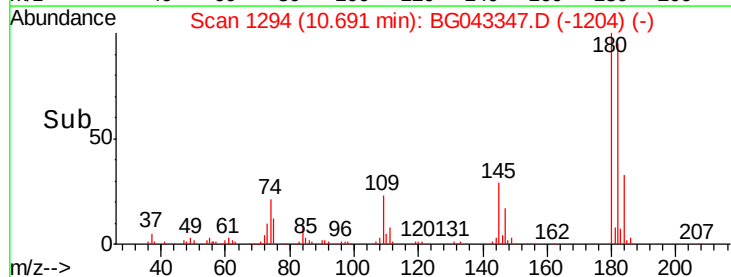
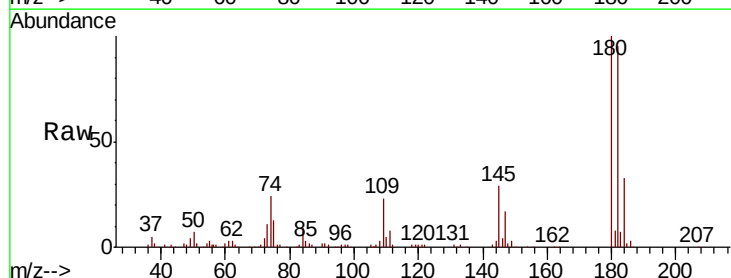
mohammad

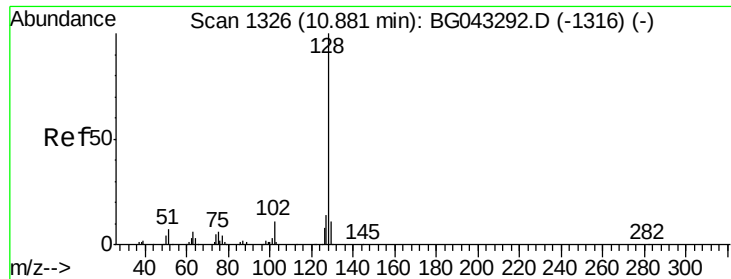
10/26/2019 10:01:00 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.015 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140003		
182	94.5	77.8	116.8	
145	29.2	23.6	35.4	



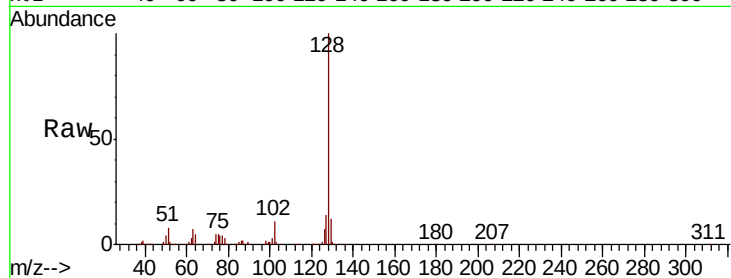


#31
Naphthalene
Concen: 47.636 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

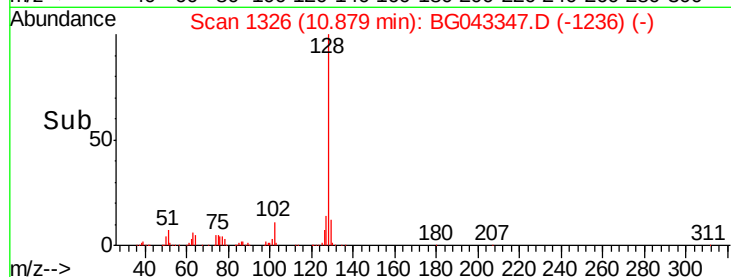
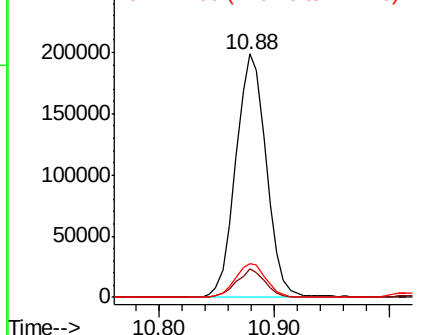
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:	128	Resp:	364220
Ion Ratio	Lower	Upper	
128	100		
129	12.0	8.6	12.8
127	13.8	11.5	17.3

Manual Integrations
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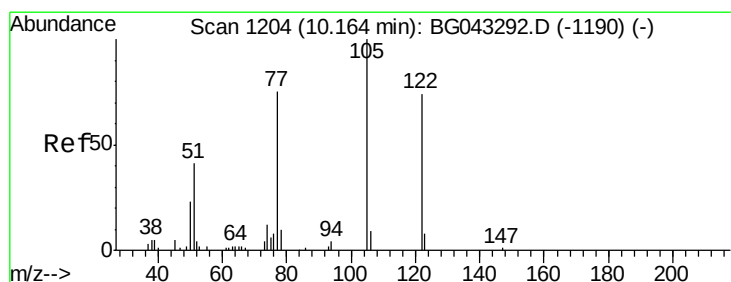


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



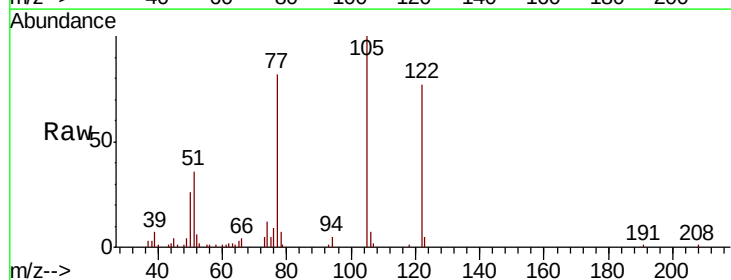
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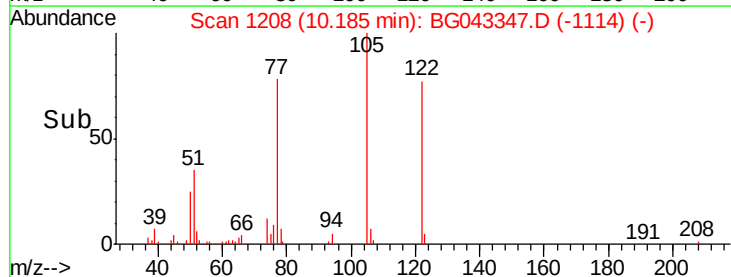
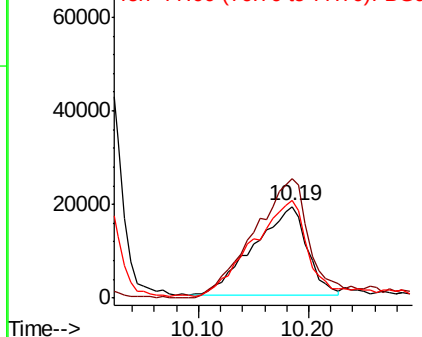


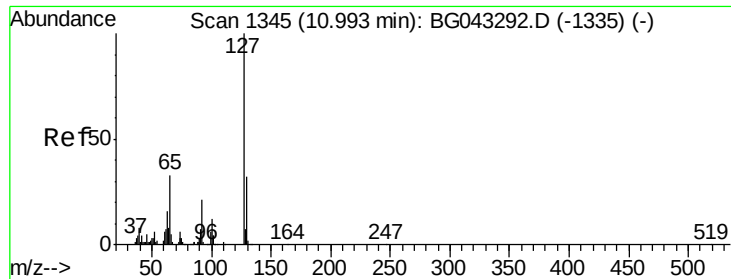
#32
Benzoic acid
Concen: 43.997 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:	122	Resp:	63332
Ion Ratio	Lower	Upper	
122	100		
105	130.5	112.4	152.4
77	107.4	82.7	122.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO



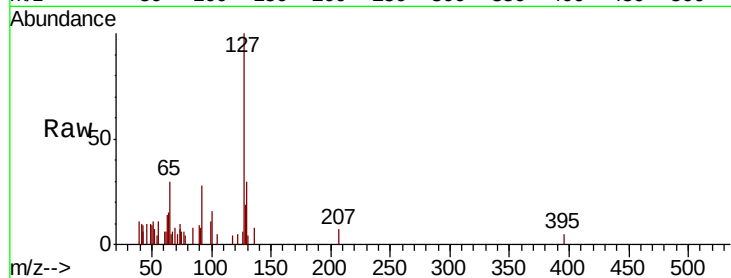


#33
4-Chloroaniline
Concen: 3.238 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.8	38.8
65	30.3	26.2	39.2
92	28.5	17.0	25.4

Manual Integrations
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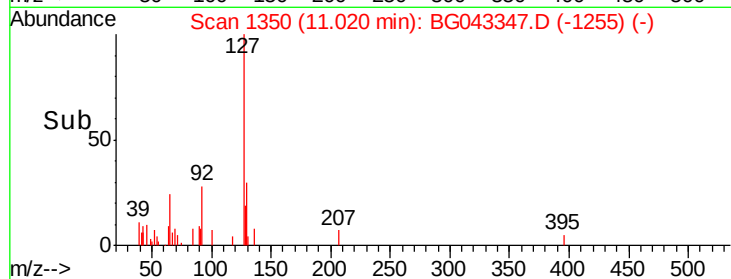
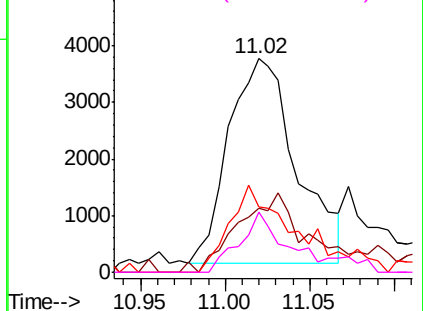
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

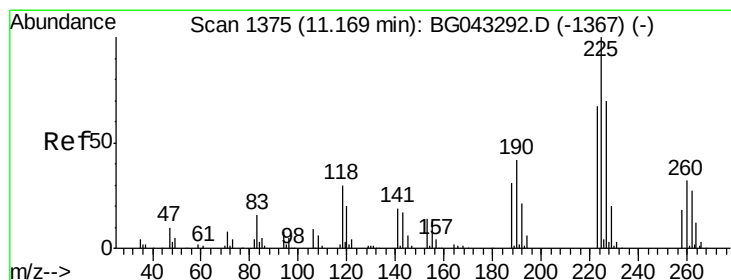
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



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#34
Hexachlorobutadiene
Concen: 43.425 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

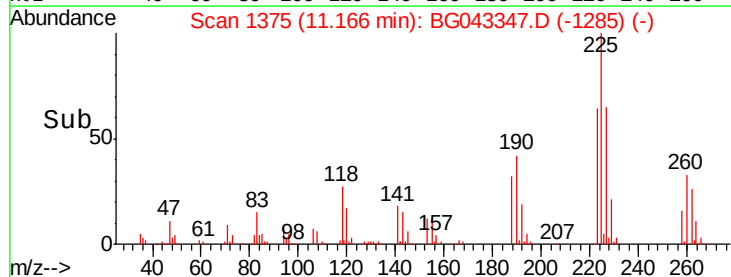
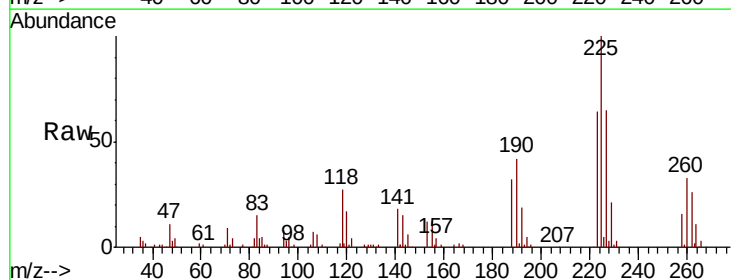
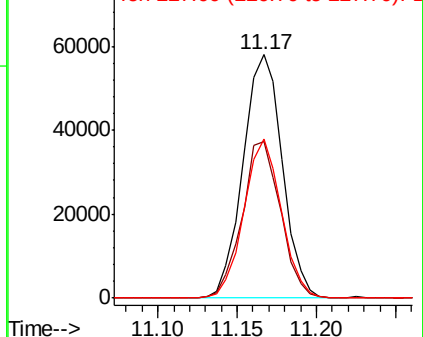
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	53.2	79.8
227	65.3	56.2	84.2

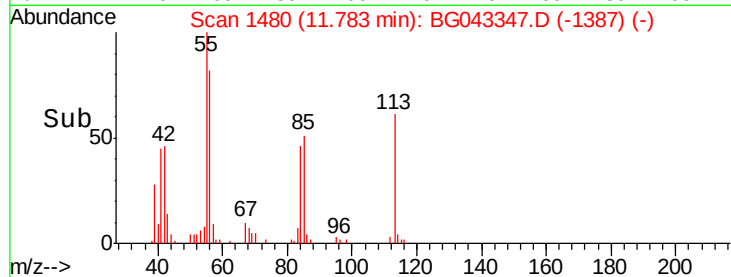
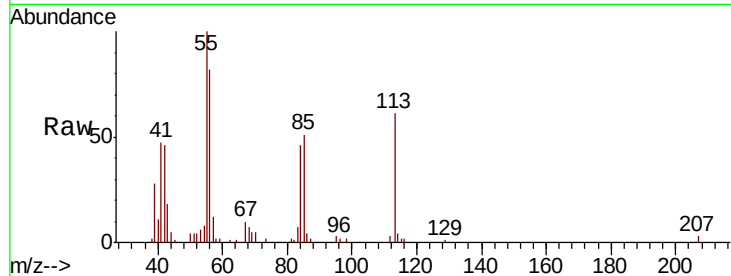
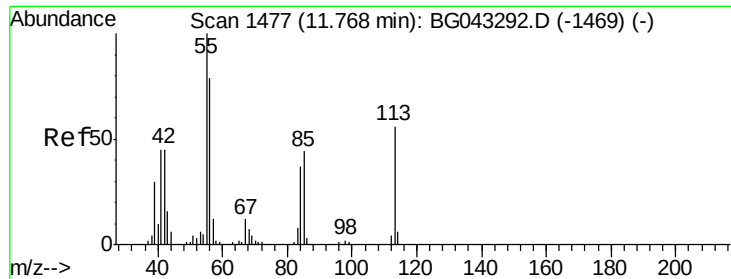
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.748 ng

RT: 11.78 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tot Ion:	113	Resp:	41429
Ion Ratio	Lower	Upper	
113	100		
55	164.6	158.9	198.9
56	135.8	121.4	161.4

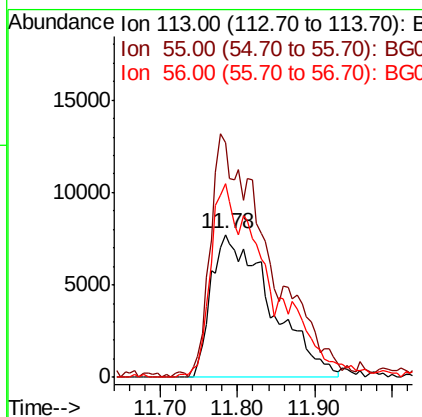
Instrument :

BNA_G

ClientSampleId :

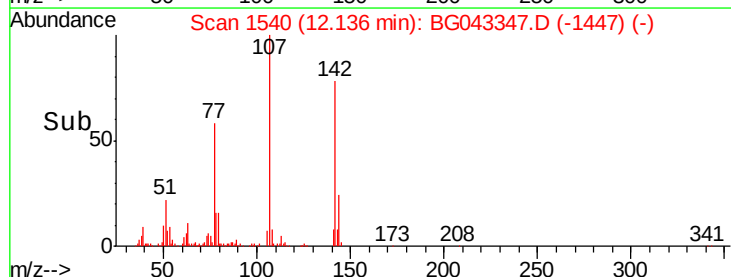
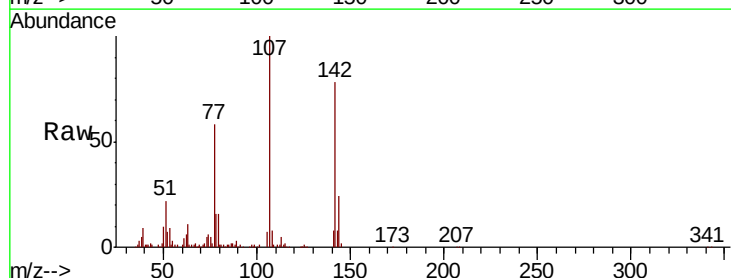
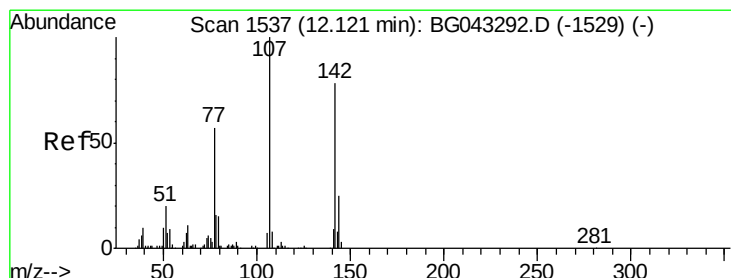
ROLL-OFF-WATERMSD

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#36

4-Chloro-3-methylphenol

Concen: 54.208 ng

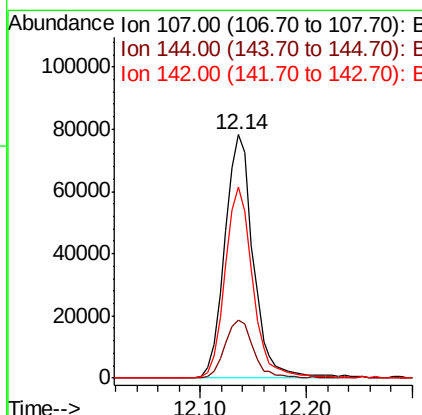
RT: 12.14 min Scan# 1540

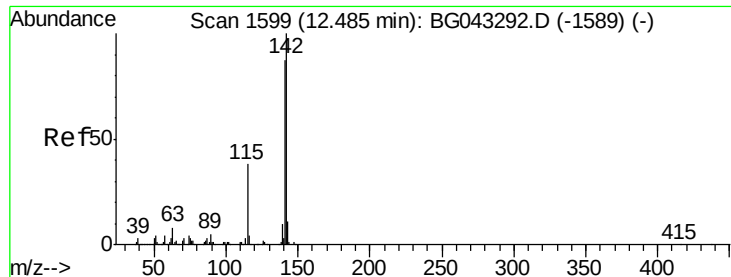
Delta R.T. 0.02 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	107	Resp:	145911
Ion Ratio	Lower	Upper	
107	100		
144	23.6	19.9	29.9
142	78.3	62.1	93.1



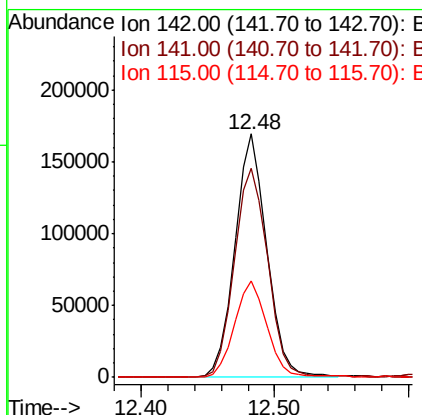
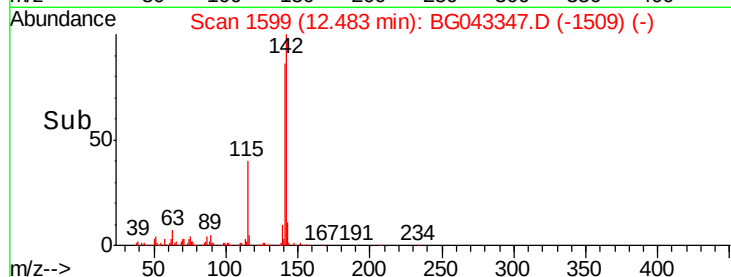
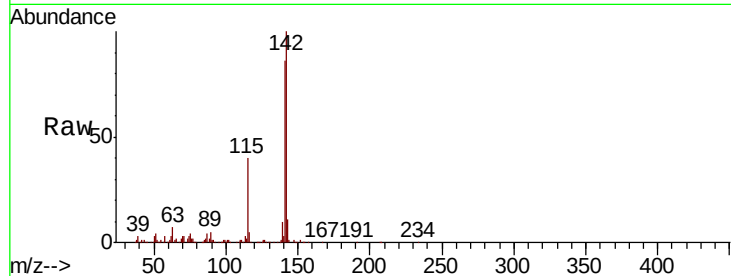


#37
2-Methylnaphthalene
Concen: 47.934 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

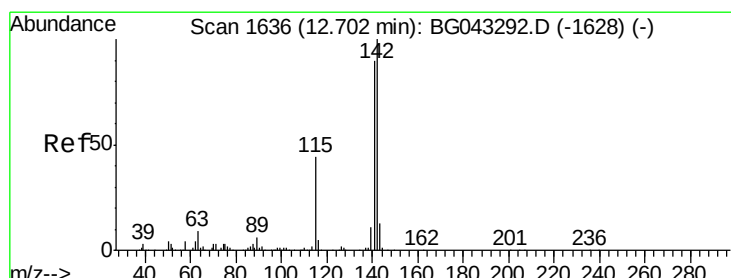
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.7	104.5
115	39.8	30.6	46.0

Manual Integrations
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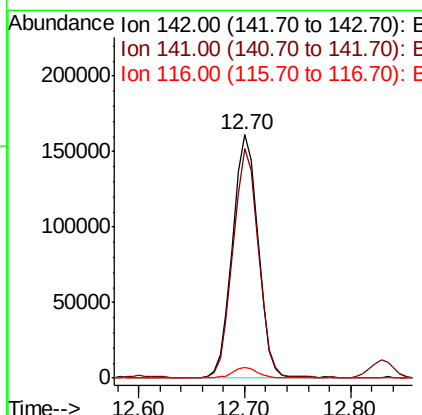
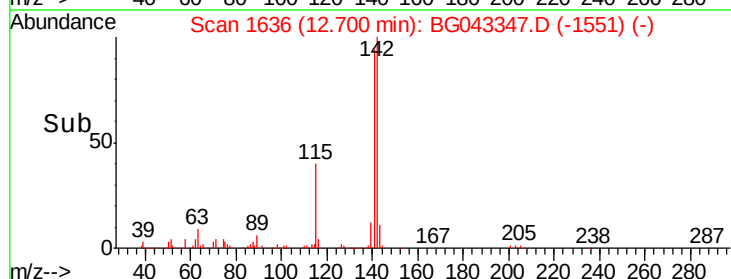
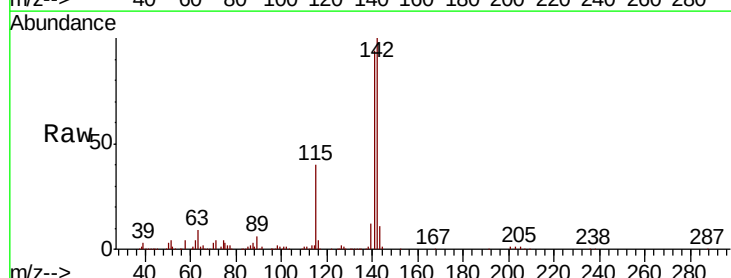
mohammad

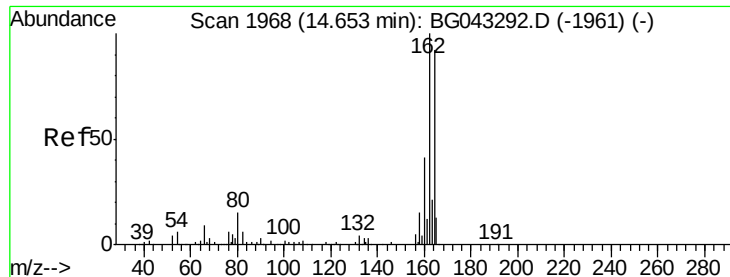
10/26/2019 10:01:00 AM



#38
1-Methylnaphthalene
Concen: 48.174 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.3	108.5
116	4.2	3.8	5.6



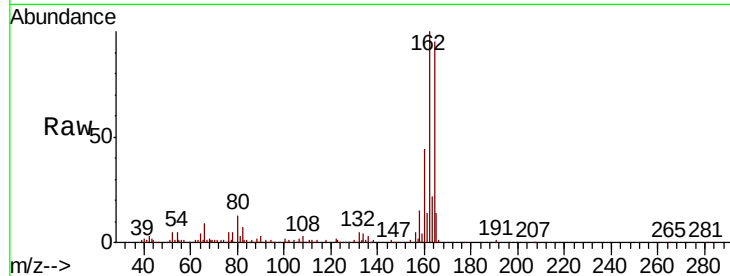


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	87.0	130.4
160	46.1	35.5	53.3

Manual Integrations
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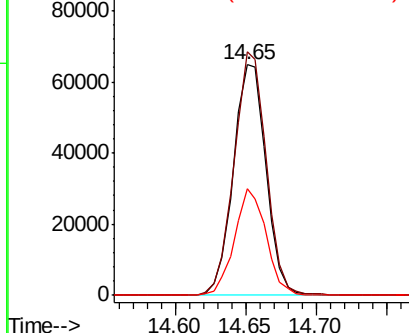


Abundance

Ion 164.00 (163.70 to 164.70): E

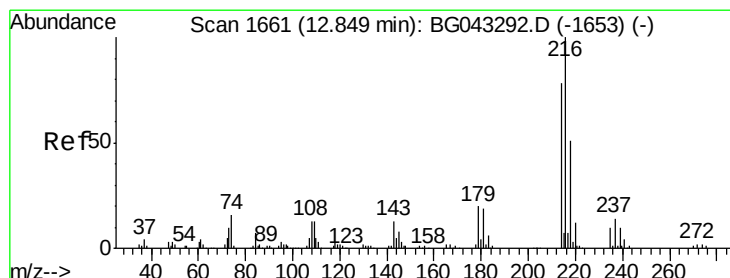
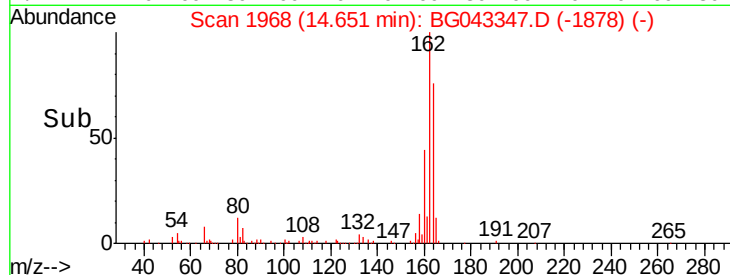
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.921 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	20.2	16.2	24.2
108	15.9	11.2	16.8

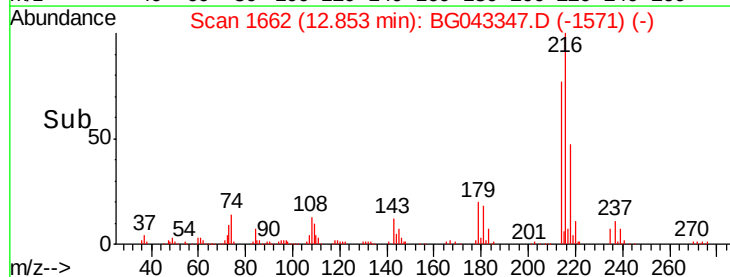
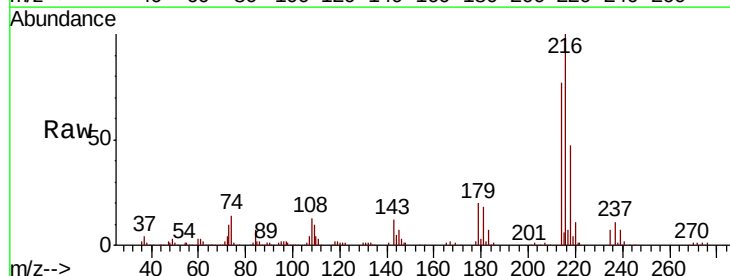
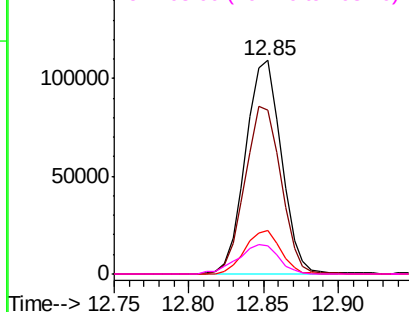
Abundance

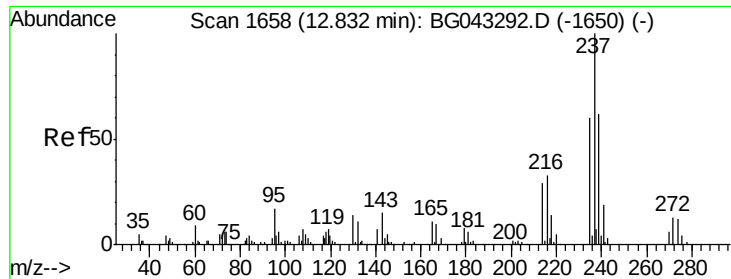
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.283 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

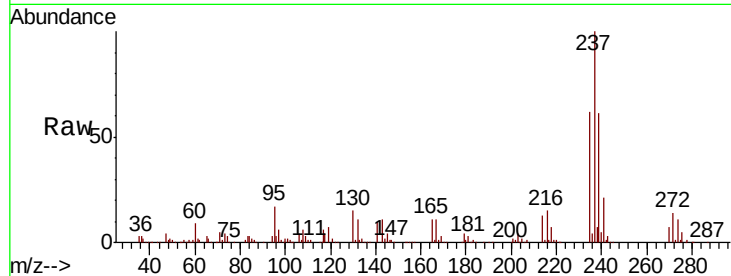
BNA_G

ClientSampleId :

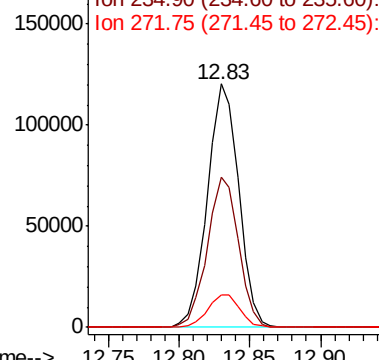
ROLL-OFF-WATERMSD

Tot Ion:	237	Resp:	185564
Ion Ratio		Lower	Upper
237	100		
235	61.7	40.3	80.3
272	13.5	0.0	32.9

Manual Integrations
APPROVED

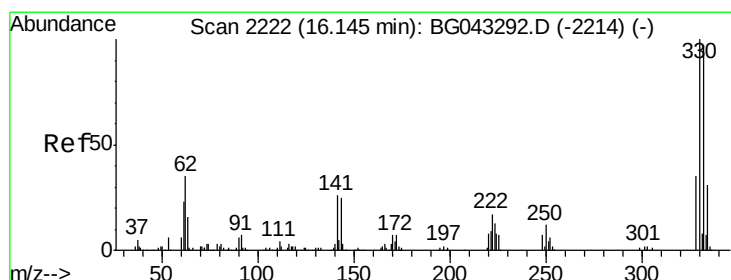
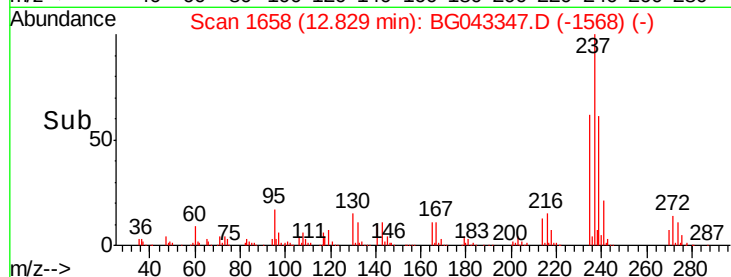


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#42

2,4,6-Tribromophenol

Concen: 151.481 ng

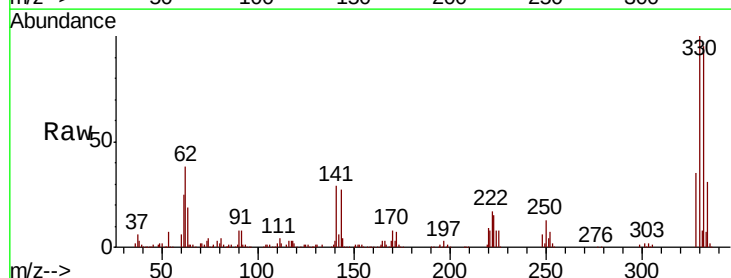
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

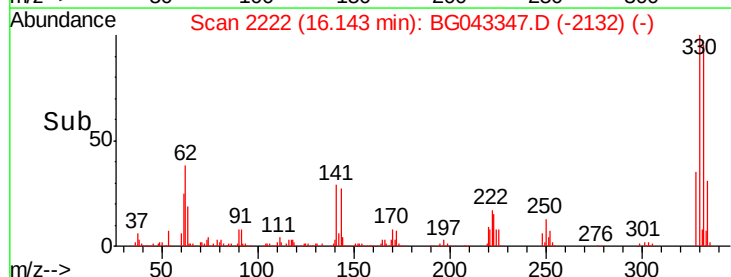
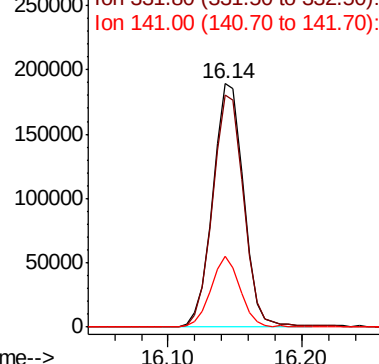
Lab File: BG043347.D

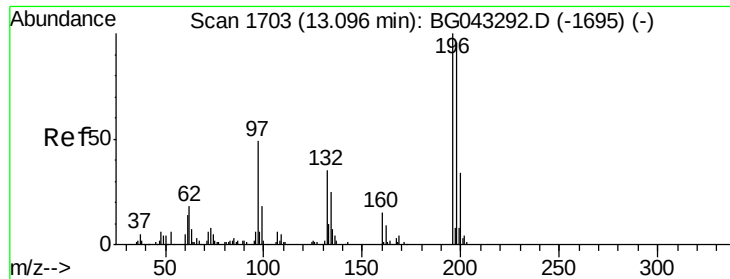
Acq: 25 Oct 2019 19:57

Tgt Ion:	330	Resp:	301431
Ion Ratio		Lower	Upper
330	100		
332	96.6	76.4	114.6
141	27.8	21.4	32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



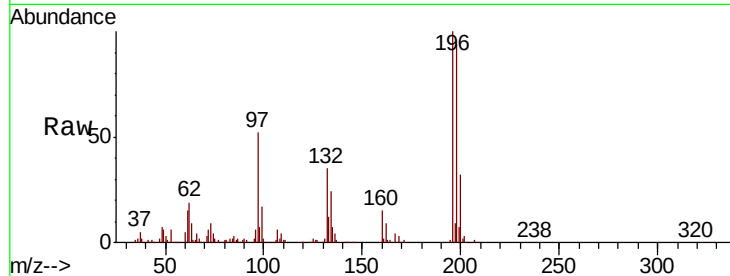


#43
2,4,6-Trichlorophenol
Concen: 55.516 ng
RT: 13.09 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	126520		
198	94.0		77.0	115.4
200	31.7		27.4	41.2

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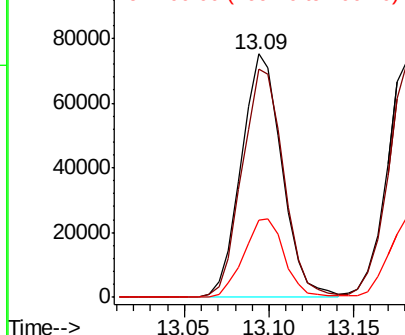


Abundance

Ion 196.00 (195.70 to 196.70): E

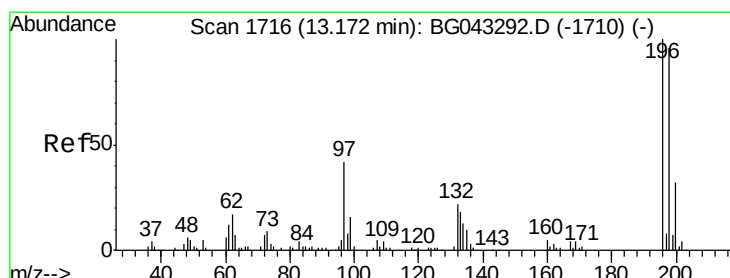
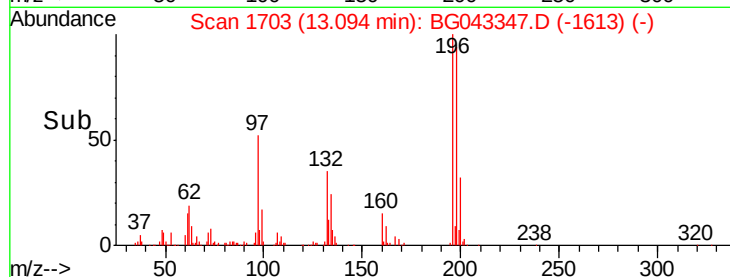
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44
2,4,5-Trichlorophenol
Concen: 60.626 ng
RT: 13.18 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139683		
198	99.1		76.6	114.8
97	43.8		34.1	51.1
132	22.6		18.2	27.4

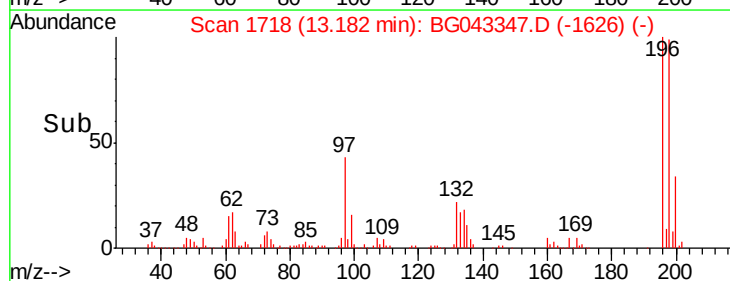
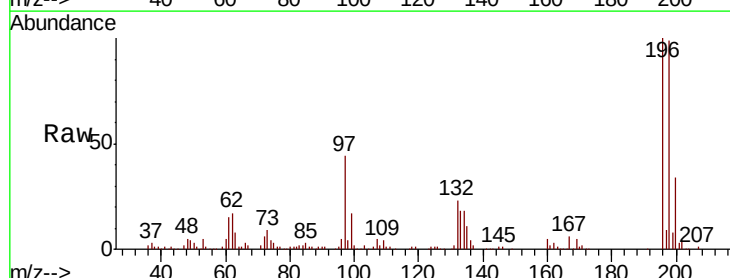
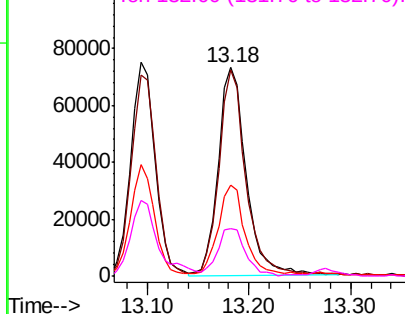
Abundance

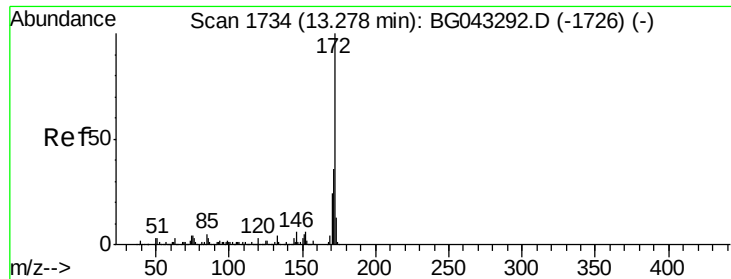
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



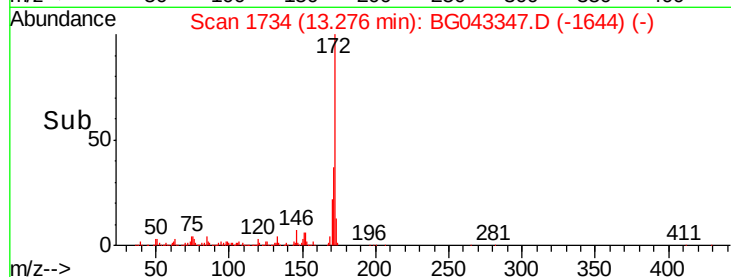
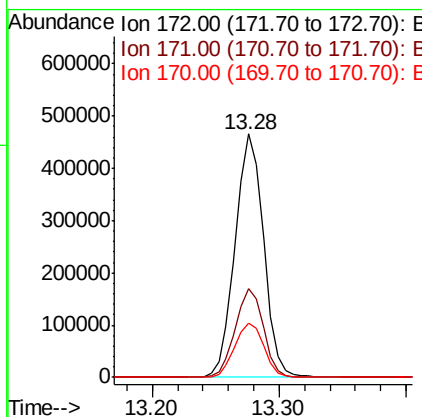
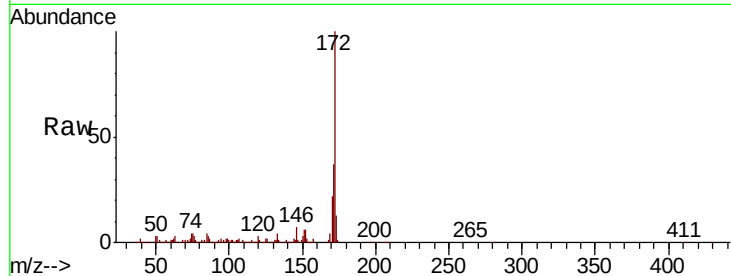


#45
2-Fluorobiphenyl
Concen: 95.431 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

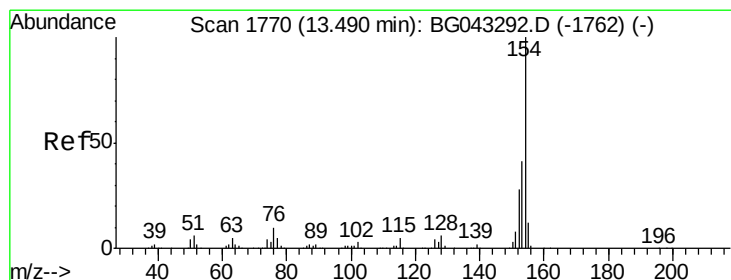
Tot Ion:172	Resp:	722160
Ion Ratio	Lower	Upper
172 100		
171 36.5	28.5	42.7
170 22.4	18.8	28.2

Manual Integrations
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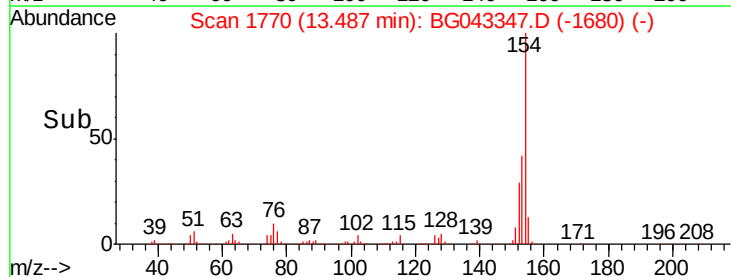
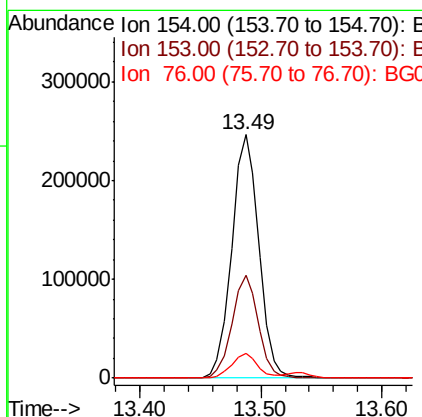
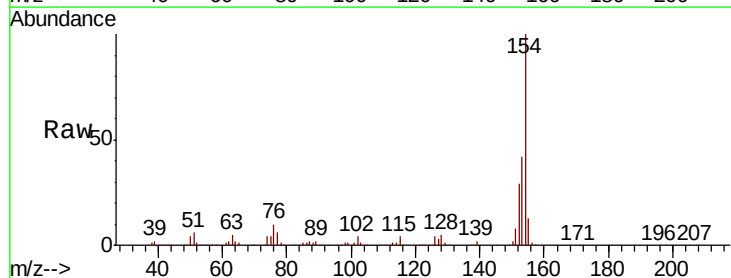
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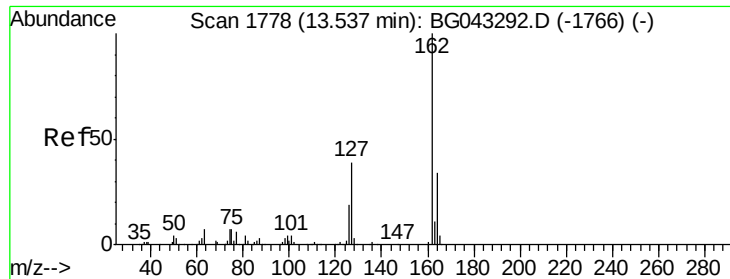
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#46
1,1'-Biphenyl
Concen: 48.473 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:154	Resp:	385592
Ion Ratio	Lower	Upper
154 100		
153 42.1	21.0	61.0
76 10.4	0.0	29.8



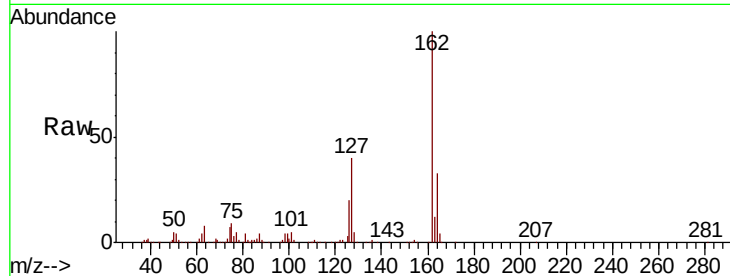


#47
2-Chloronaphthalene
Concen: 49.758 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.3	46.9
164	33.1	26.8	40.2

Manual Integrations
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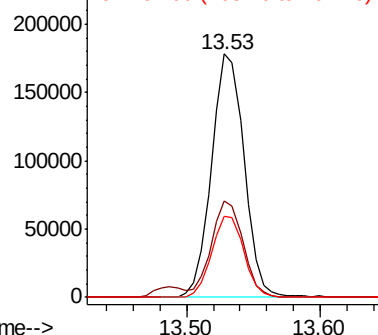


Abundance

Ion 162.00 (161.70 to 162.70): E

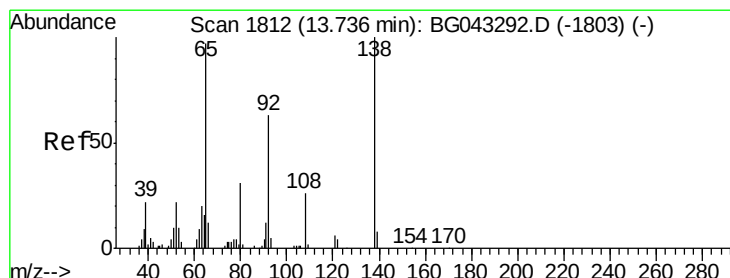
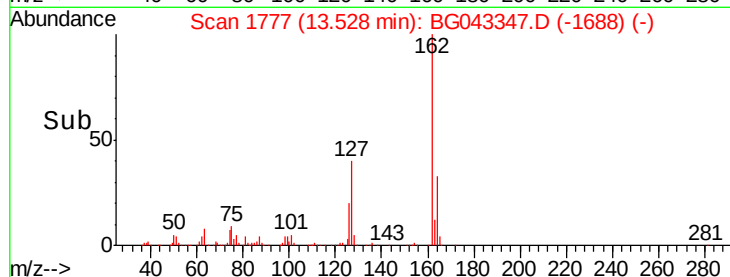
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



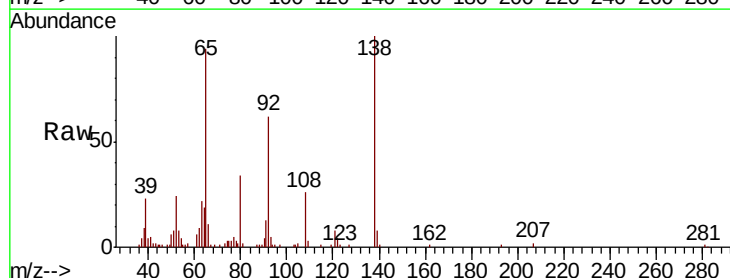
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#48
2-Nitroaniline
Concen: 32.657 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.6	79.0
138	106.1	82.9	124.3

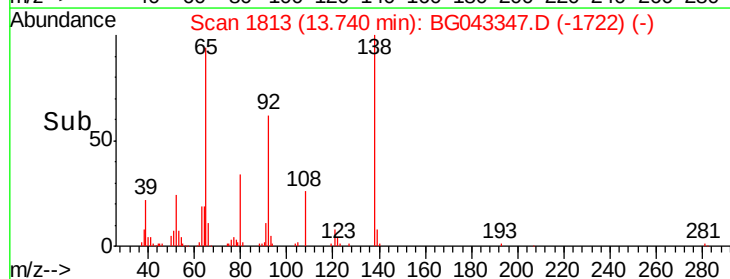
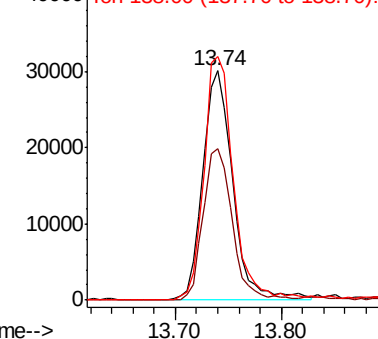


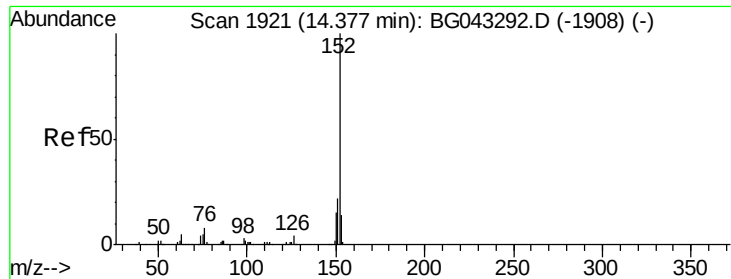
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E



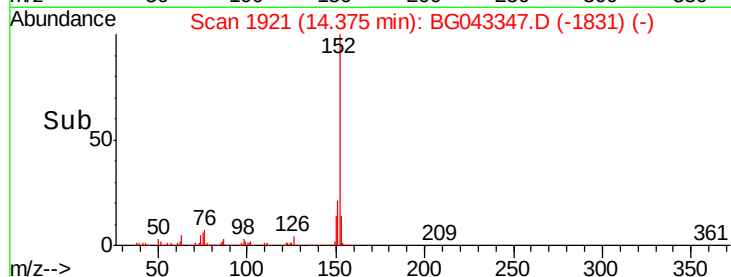
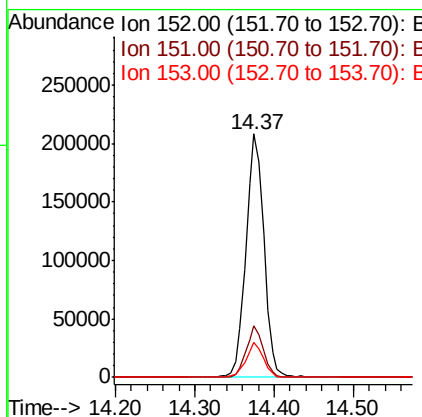
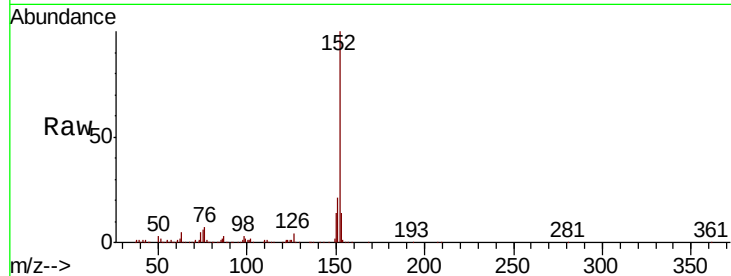


#49
Acenaphthylene
Concen: 34.964 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

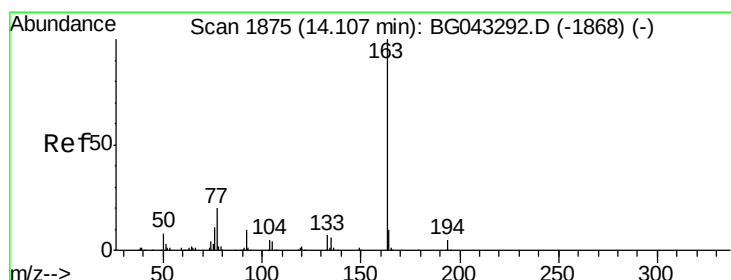
Tot Ion:	152	Resp:	329356
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.2	25.8
153	14.2	11.0	16.6

Manual Integrations
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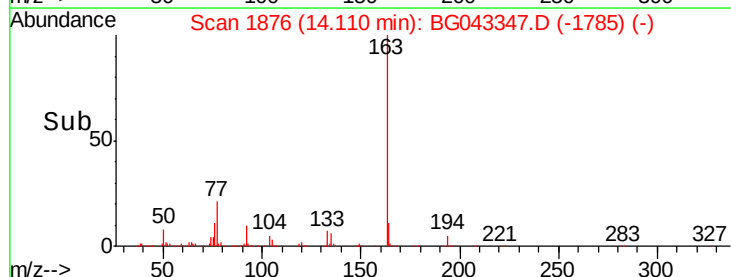
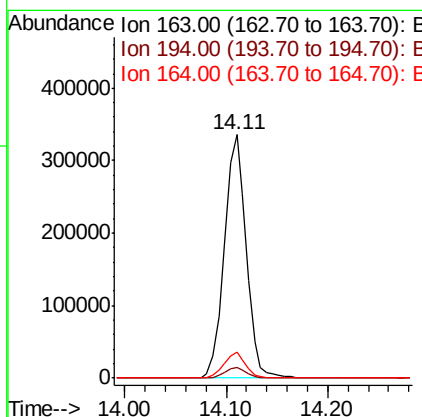
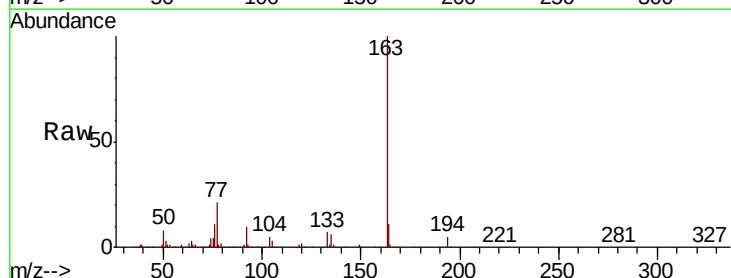
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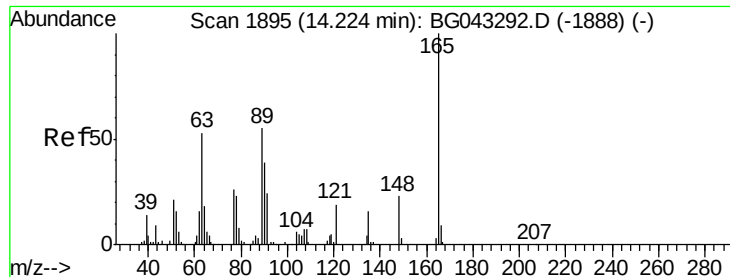
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#50
Dimethylphthalate
Concen: 61.869 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:	163	Resp:	501097
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.8	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 54.472 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

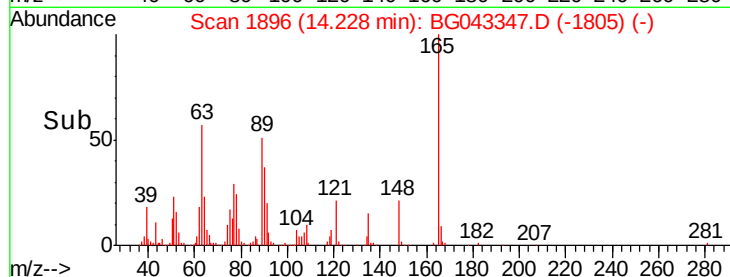
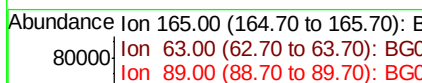
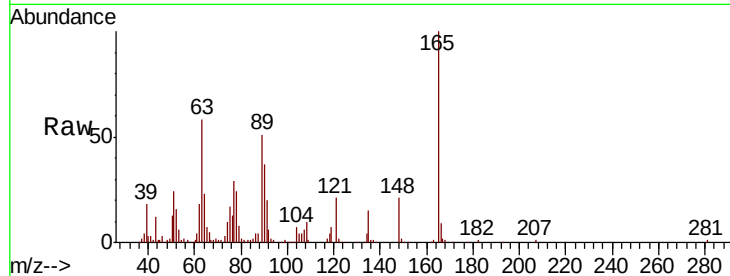
BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

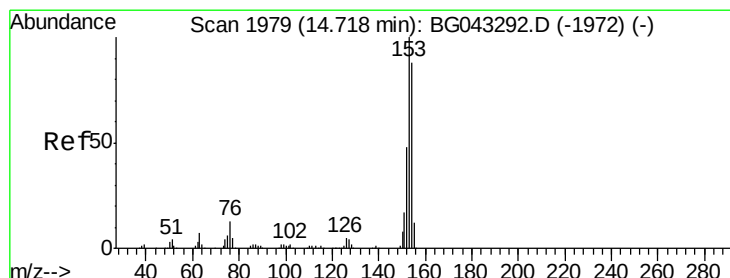
Tot Ion:	165	Resp:	95847
Ion Ratio	Lower	Upper	
165	100		
63	57.5	47.1	70.7
89	51.4	43.7	65.5

Manual Integrations
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#52

Acenaphthene

Concen: 48.603 ng

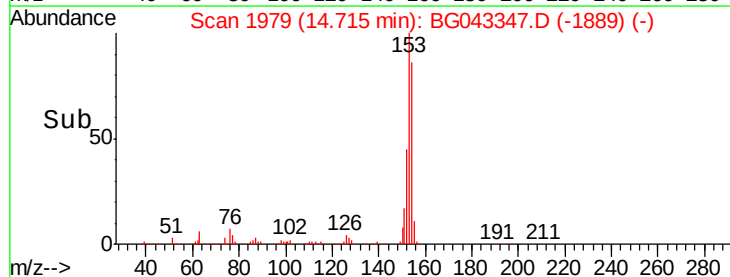
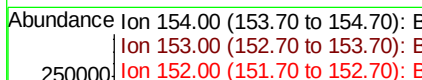
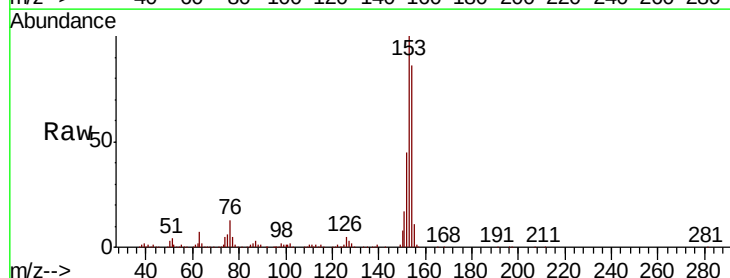
RT: 14.72 min Scan# 1979

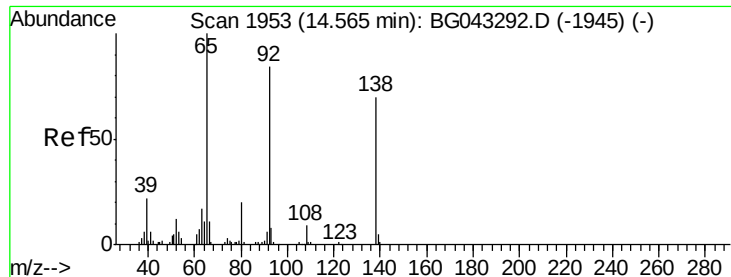
Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	154	Resp:	279206
Ion Ratio	Lower	Upper	
154	100		
153	115.9	90.9	136.3
152	52.6	43.9	65.9





#53

3-Nitroaniline

Concen: 7.351 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

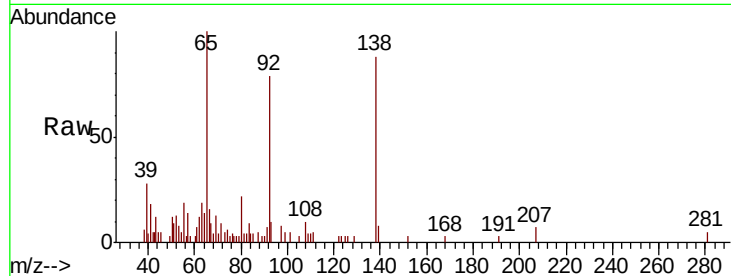
BNA_G

ClientSampleId :

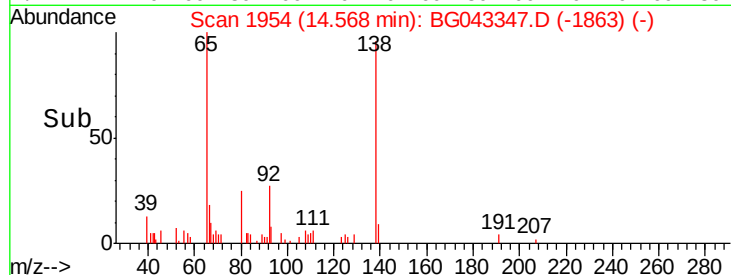
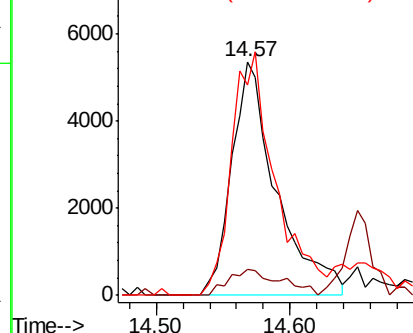
ROLL-OFF-WATERMSD

Tot Ion:138	Resp:	12488
Ion Ratio	Lower	Upper
138	100	
108	11.0	9.8 14.6
92	89.9	95.8 143.6#

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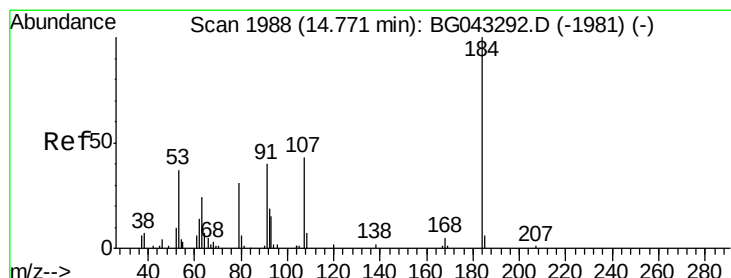


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC



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#54

2,4-Dinitrophenol

Concen: 81.834 ng

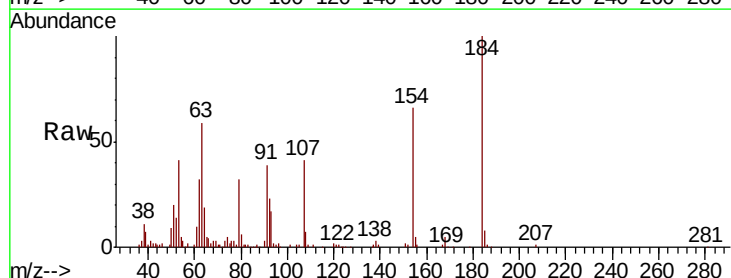
RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

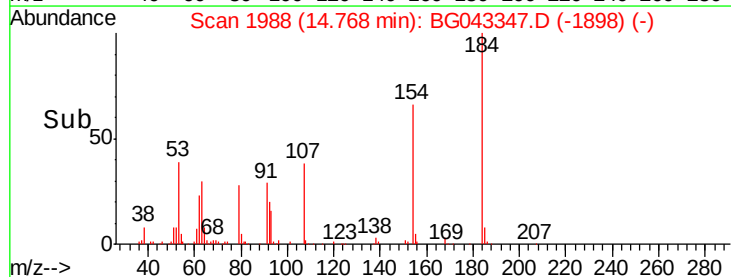
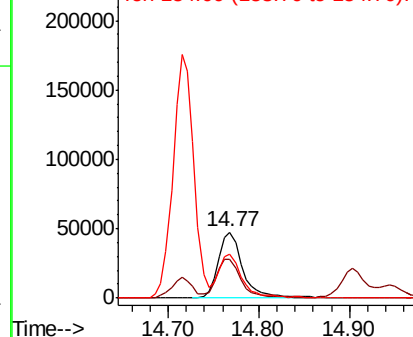
Lab File: BG043347.D

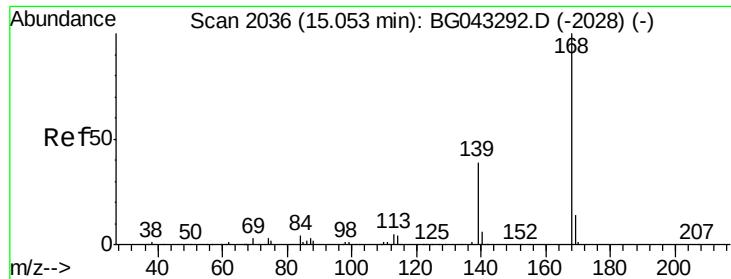
Acq: 25 Oct 2019 19:57

Tgt Ion:184	Resp:	90118
Ion Ratio	Lower	Upper
184	100	
63	58.5	48.8 73.2
154	66.1	49.4 74.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E



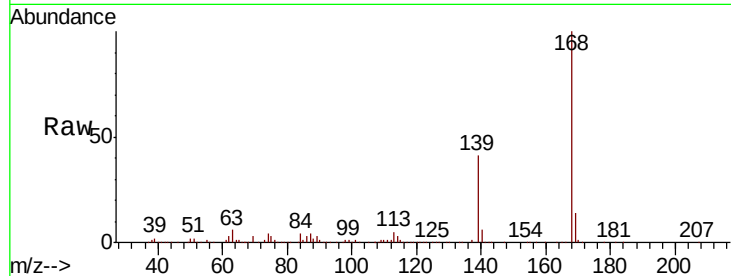


#55
Dibenzofuran
Concen: 52.380 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	31.7	47.5
169	14.0	11.0	16.4

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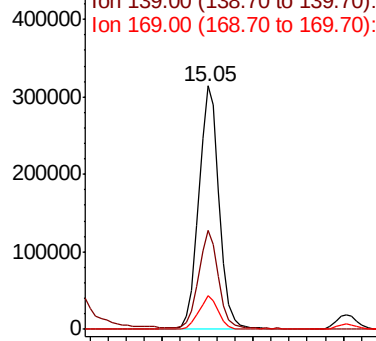


Abundance

Ion 168.00 (167.70 to 168.70): E

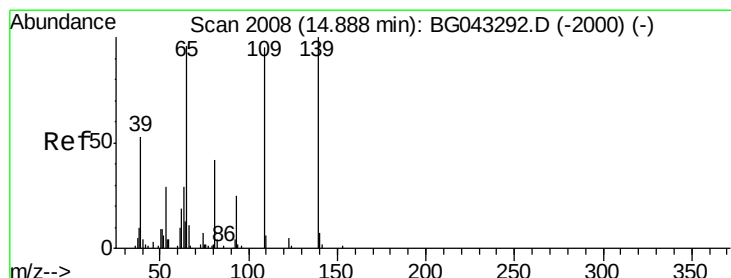
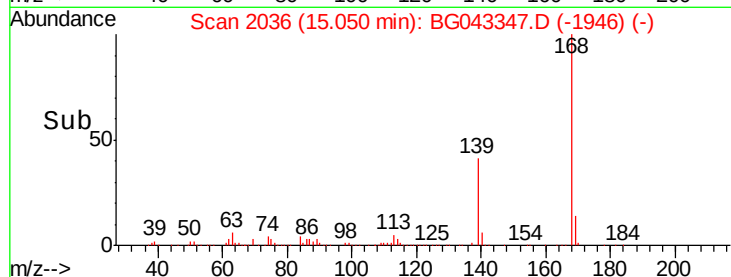
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



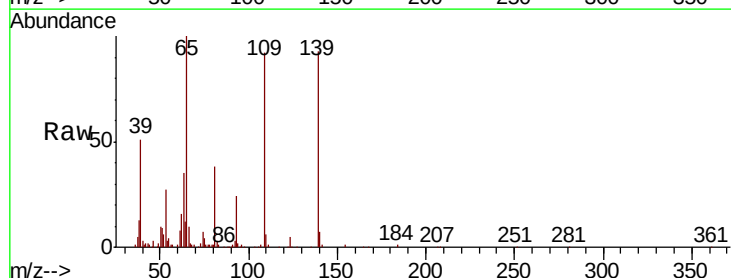
mohammad

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#56
4-Nitrophenol
Concen: 116.418 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.3	75.4	115.4
65	107.4	76.6	116.6

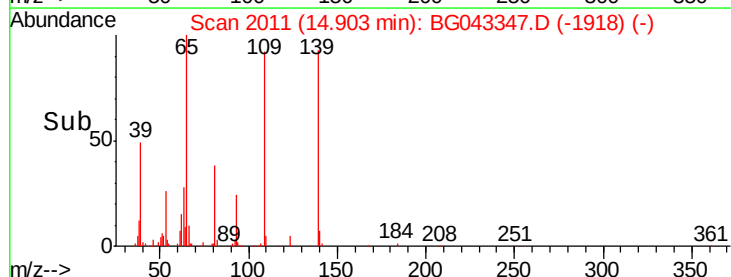
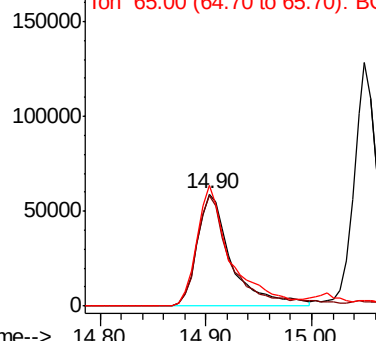


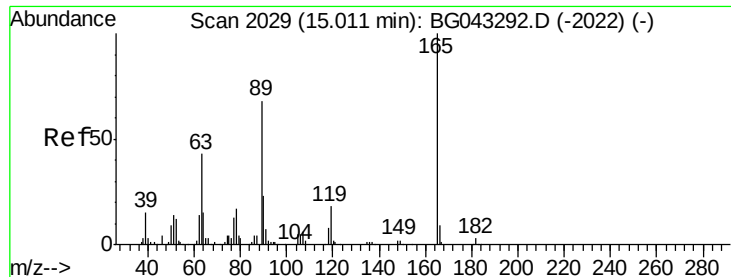
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



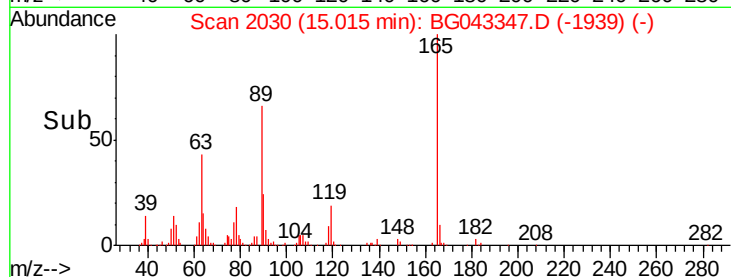
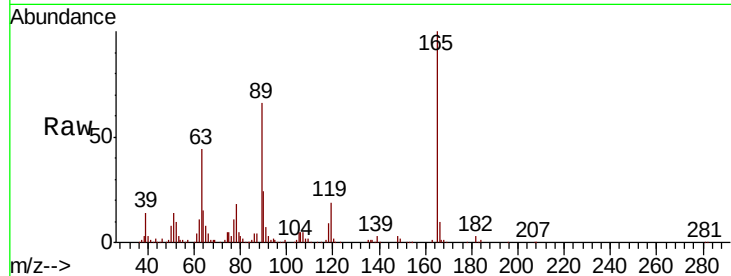


#57
2,4-Dinitrotoluene
Concen: 54.767 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

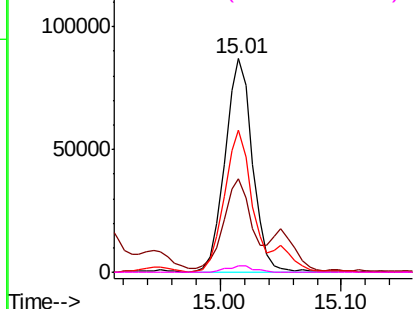
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		137718		
63	43.6		35.0	52.6	
89	66.3		54.1	81.1	
182	2.9		2.2	3.2	

Manual Integrations
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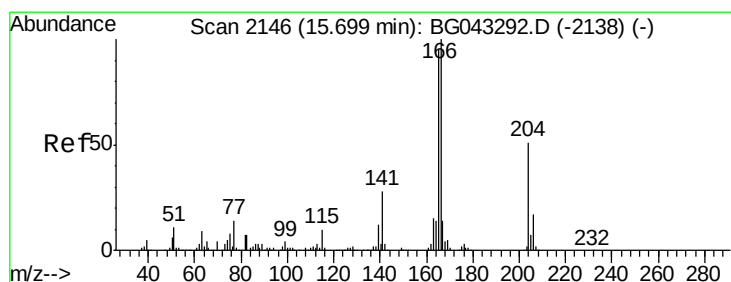


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E



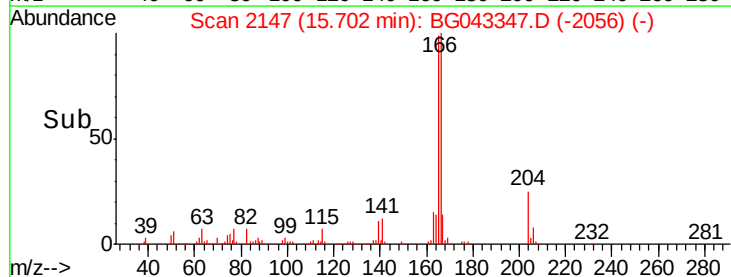
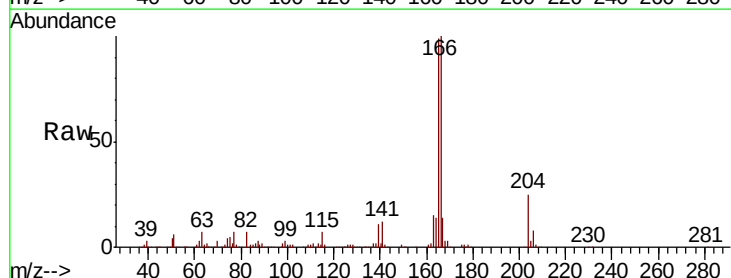
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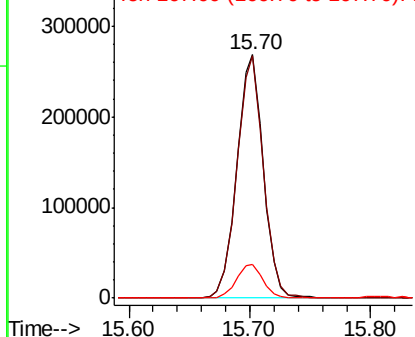


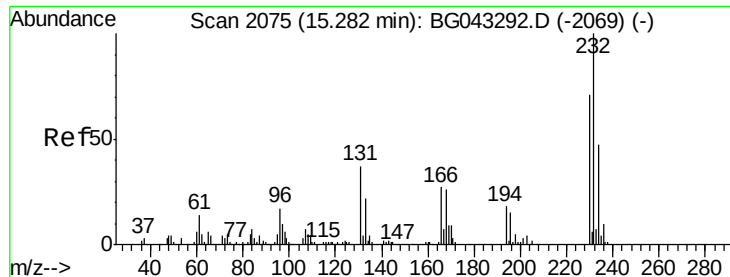
#58
Fluorene
Concen: 52.218 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		408000		
165	99.4		76.4	114.6	
167	13.9		11.1	16.7	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



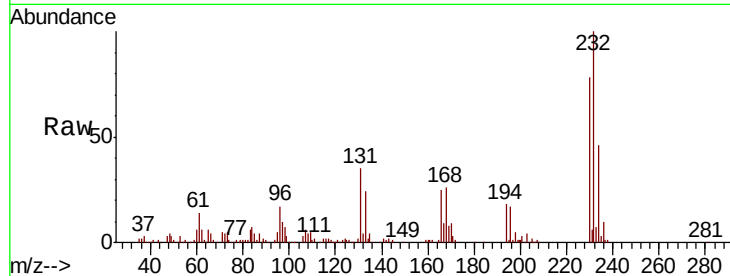


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.287 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

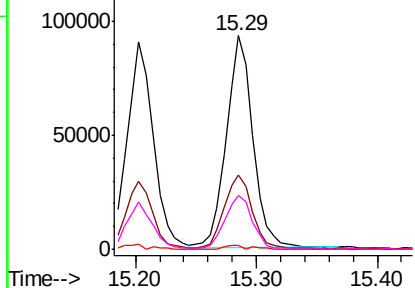
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion:	232	Resp:	142682
Ion Ratio	Lower	Upper	
232	100		
131	36.8	28.7	43.1
130	1.8	0.6	0.8
166	26.2	21.1	31.7

Manual Integrations
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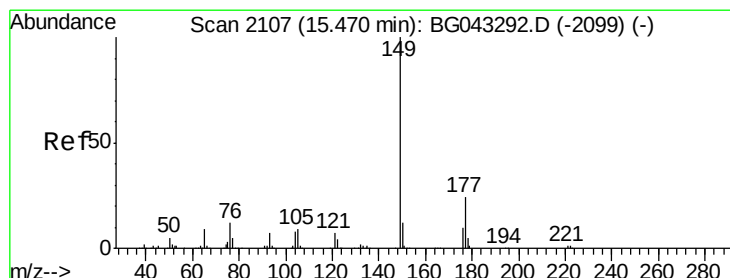
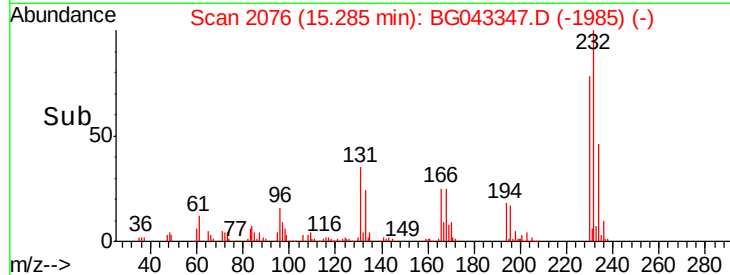


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



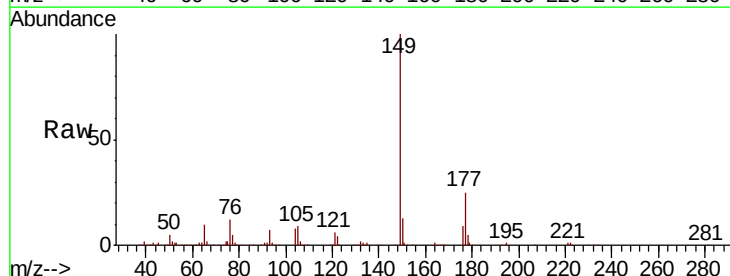
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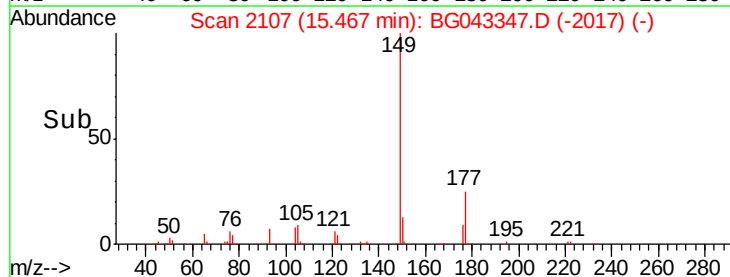
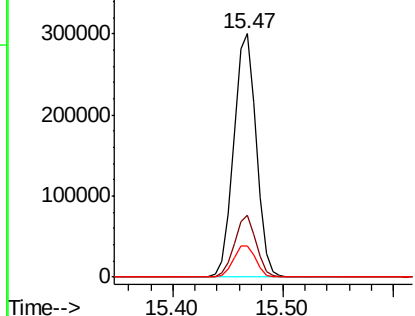


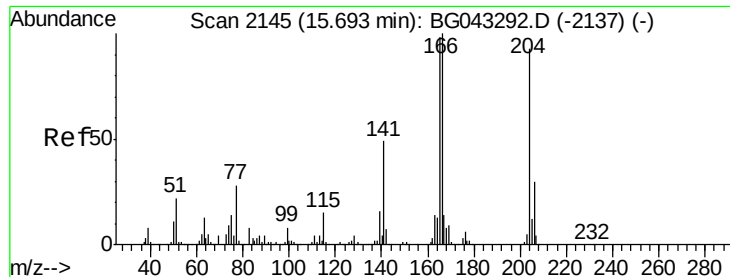
#60
 Diethylphthalate
 Concen: 52.907 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion:	149	Resp:	430563
Ion Ratio	Lower	Upper	
149	100		
177	25.3	19.0	28.4
150	12.7	9.4	14.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



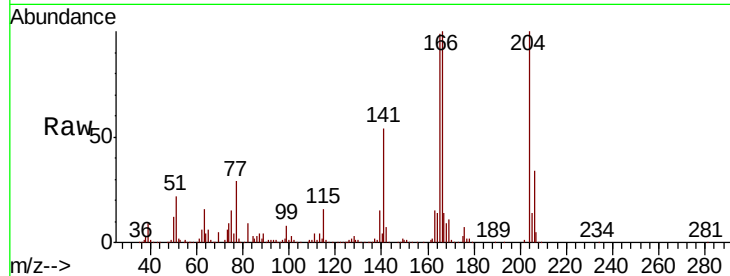


#61
 4-Chlorophenyl-phenylether
 Concen: 51.516 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.7	38.5
141	53.7	42.3	63.5

Manual Integrations
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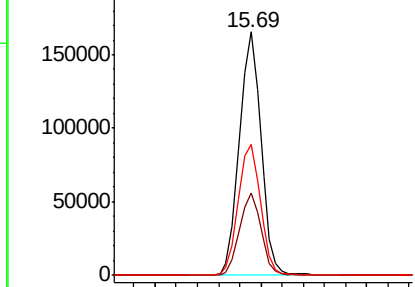
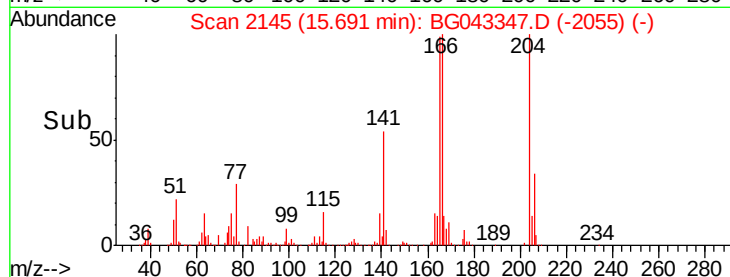


Abundance

Ion 204.00 (203.70 to 204.70): E

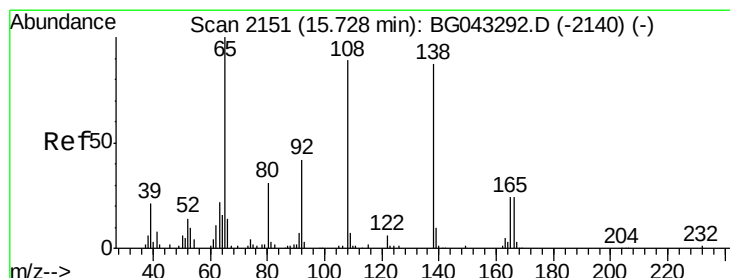
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



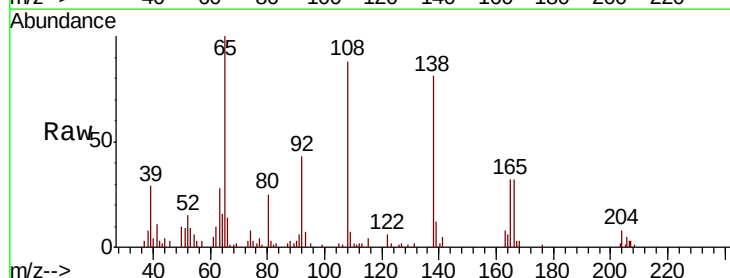
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#62
 4-Nitroaniline
 Concen: 16.558 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	28.8	68.8
108	108.6	82.7	122.7

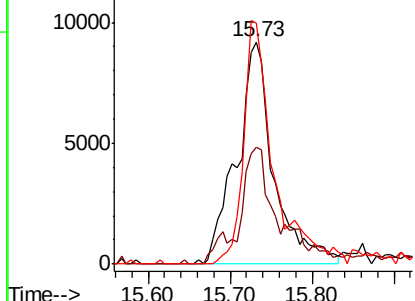
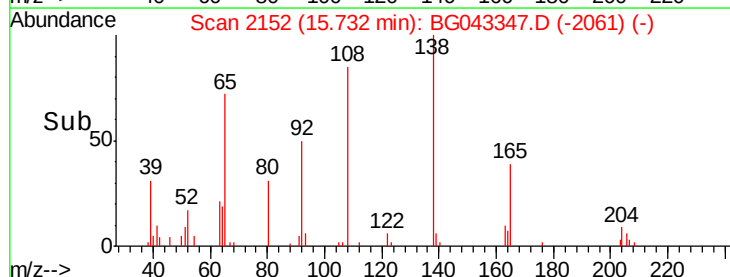


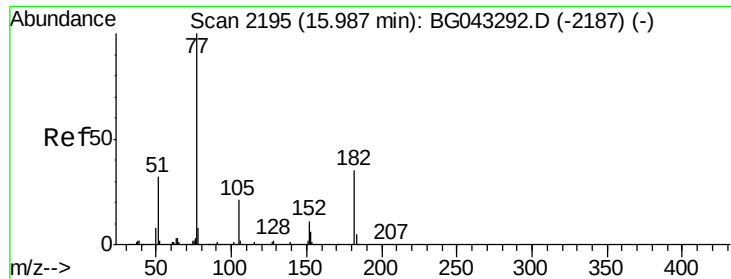
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



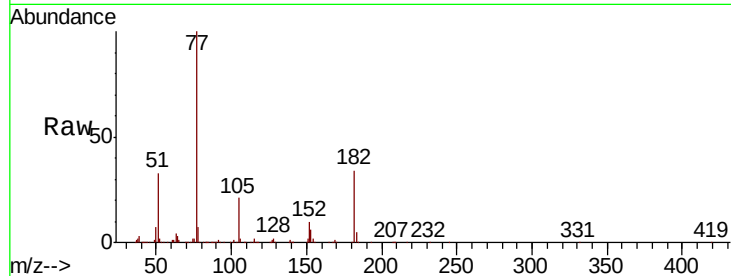


#63
Azobenzene
Concen: 46.153 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

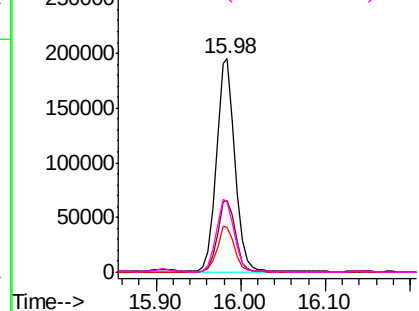
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.8	14.9	54.9
105	20.9	0.6	40.6
51	33.1	12.5	52.5

Manual Integrations
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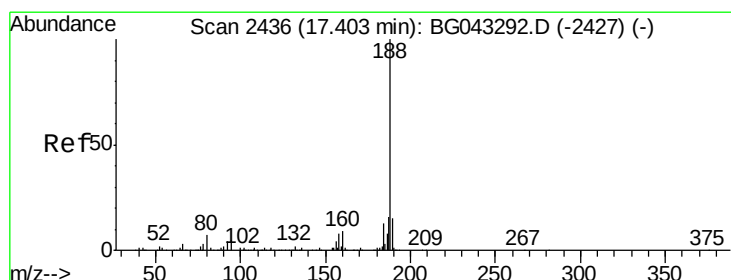
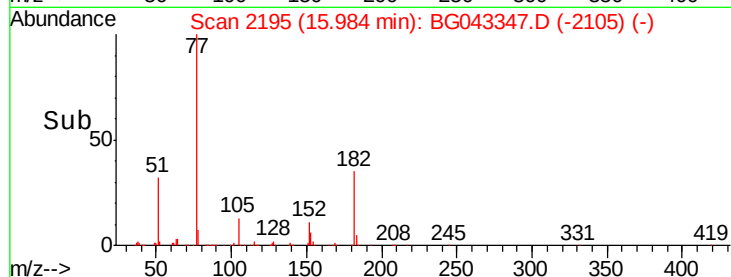


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



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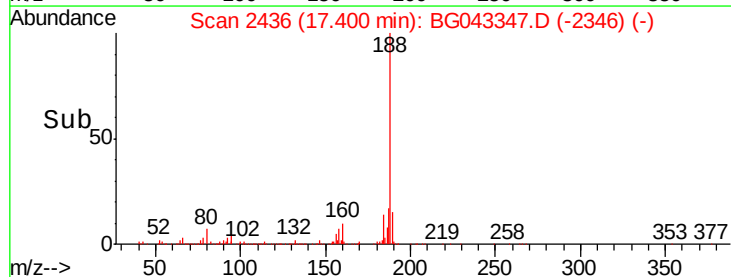
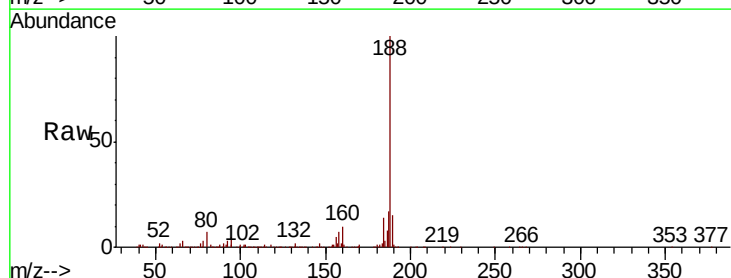
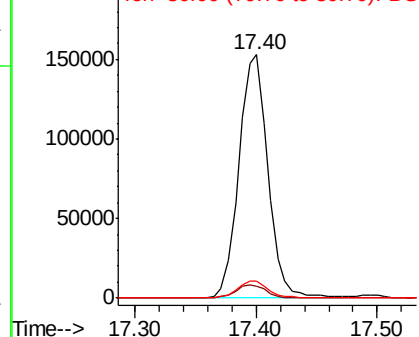
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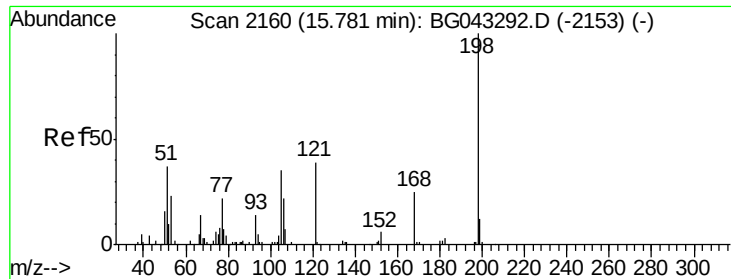


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.2	6.2
80	6.8	5.2	7.8

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.717 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

Tot Ion:198 Resp: 75066

Ion Ratio Lower Upper

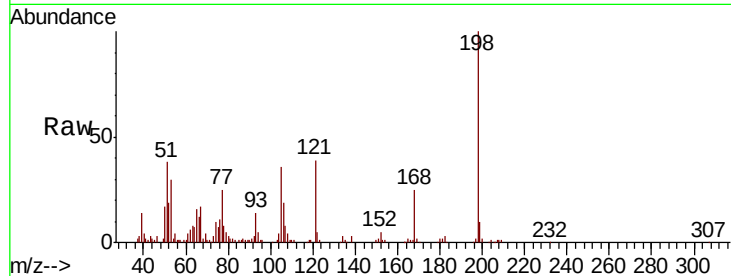
198 100

51 37.8 21.4 61.4

105 35.8 16.5 56.5

Manual Integrations

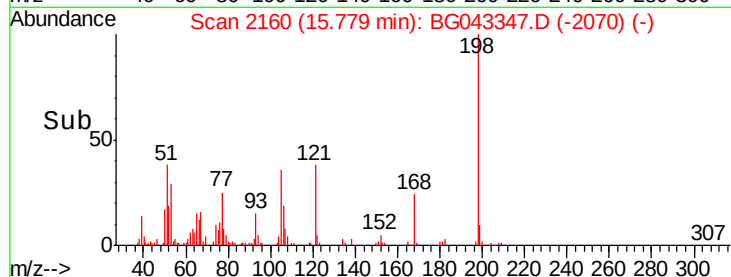
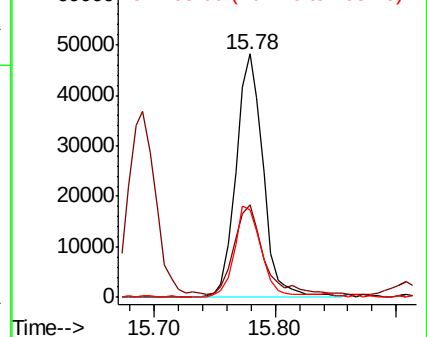
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Abundance Ion 198.00 (197.70 to 198.70): E

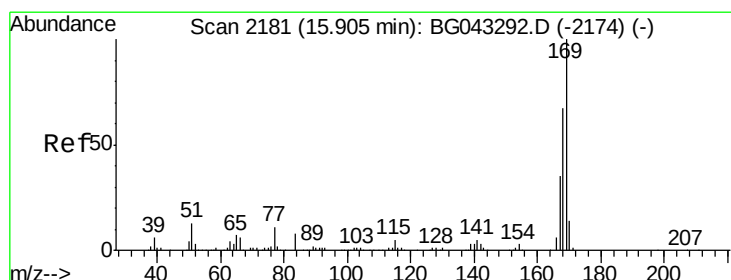
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



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#66

n-Nitrosodiphenylamine

Concen: 4.981 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

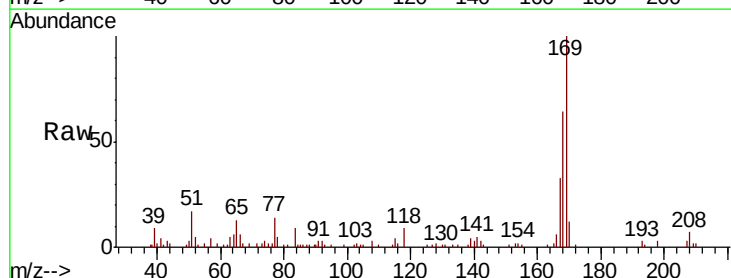
Tgt Ion:169 Resp: 36076

Ion Ratio Lower Upper

169 100

168 63.8 53.9 80.9

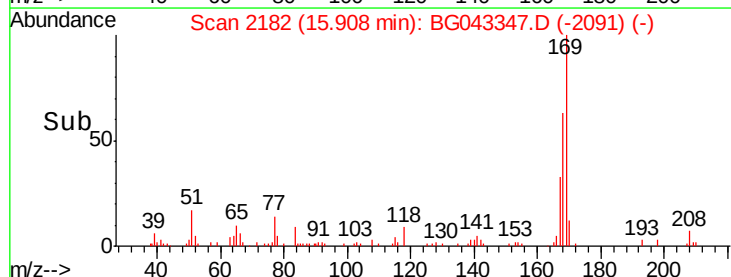
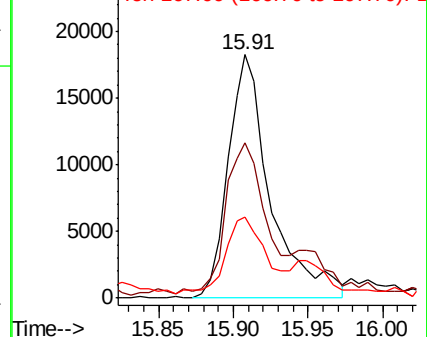
167 33.2 28.3 42.5

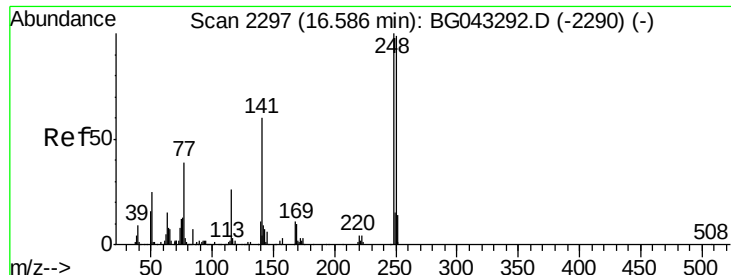


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



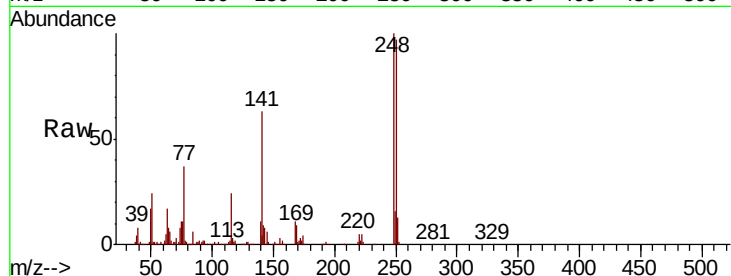


#67
4-Bromophenyl-phenylether
Concen: 48.385 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

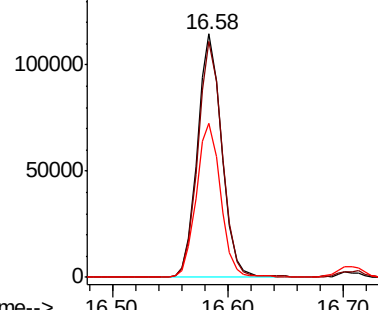
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:	248	Resp:	167062
Ion Ratio	Lower	Upper	
248	100		
250	96.7	79.3	118.9
141	63.4	47.9	71.9

Manual Integrations
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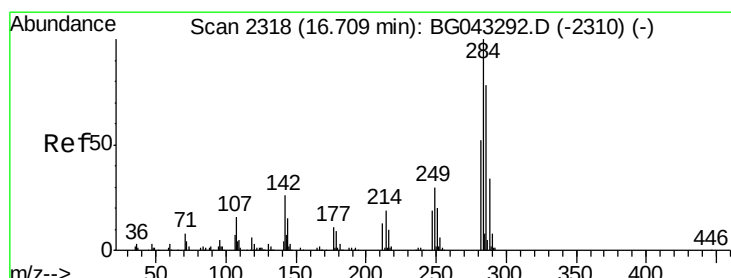
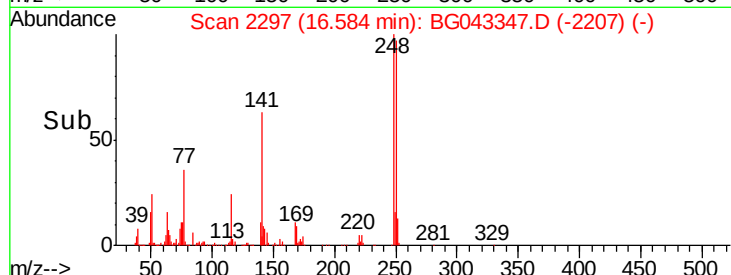


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



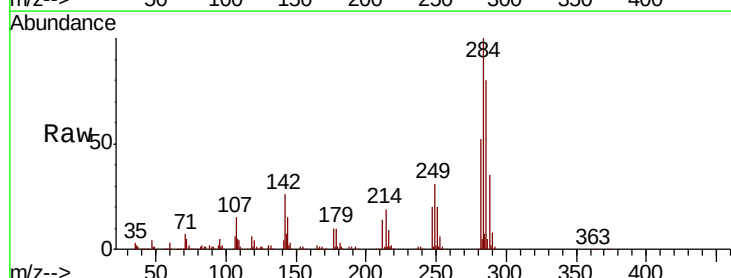
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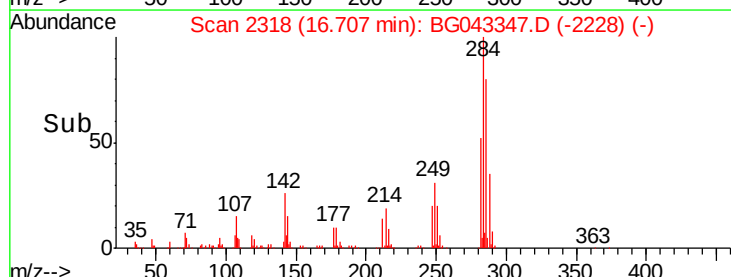
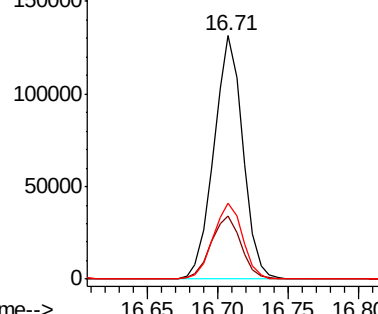


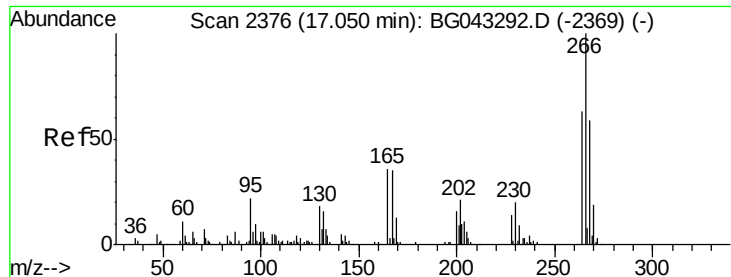
#68
Hexachlorobenzene
Concen: 47.798 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:	284	Resp:	189439
Ion Ratio	Lower	Upper	
284	100		
142	26.1	21.1	31.7
249	30.9	24.4	36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



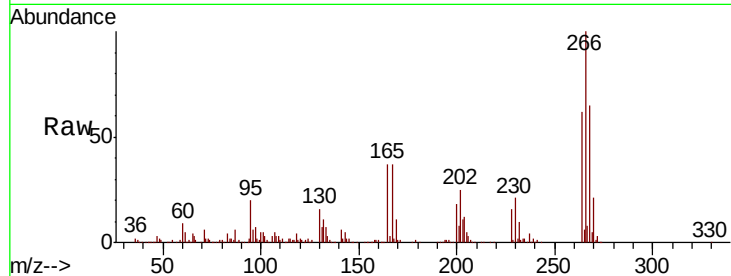


#70
 Pentachlorophenol
 Concen: 129.539 ng
 RT: 17.06 min Scan# 2378
 Delta R.T. 0.01 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	47.1	70.7
264	62.0	50.4	75.6

Manual Integrations
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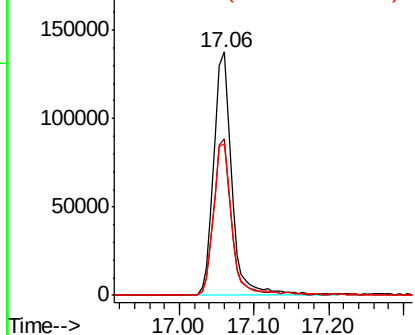


Abundance

Ion 265.70 (265.40 to 266.40): E

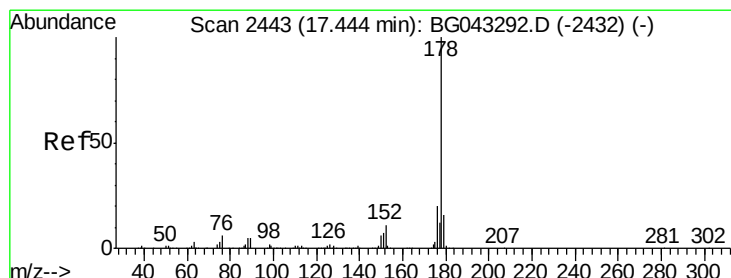
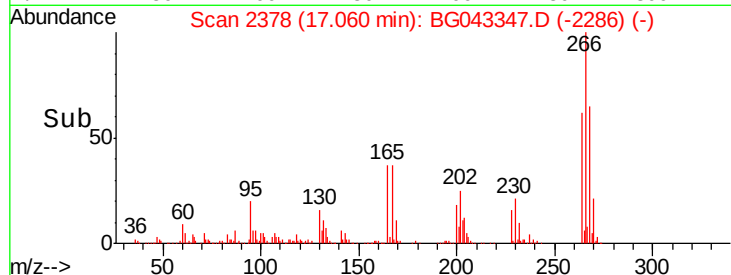
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



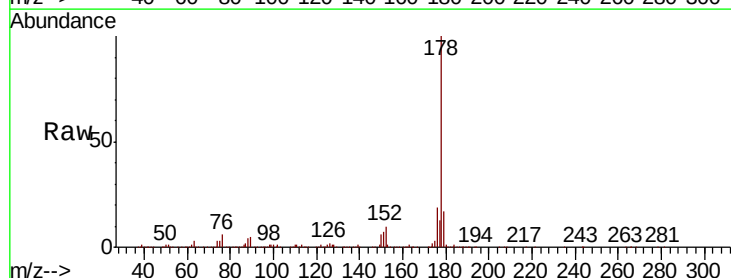
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#71
 Phenanthrene
 Concen: 50.602 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	17.0	13.1	19.7

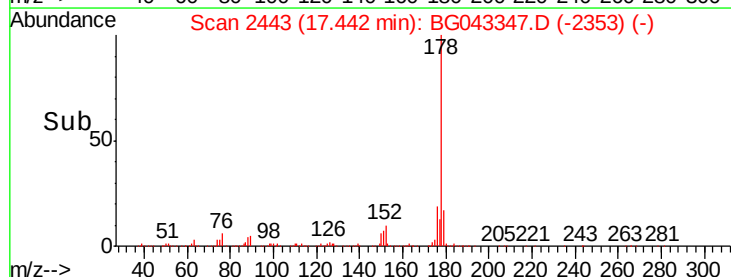
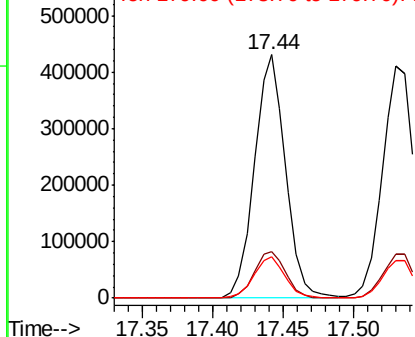


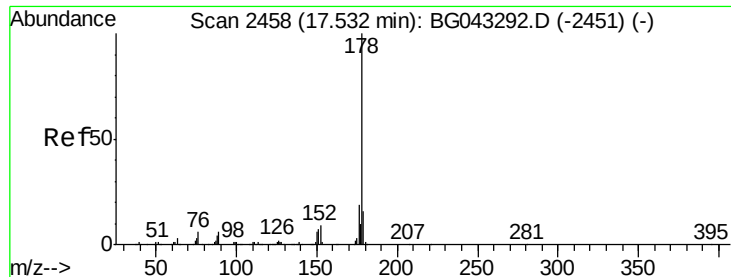
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 50.743 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

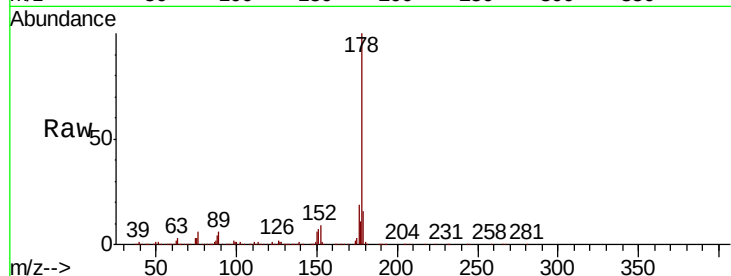
BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

Tot Ion:	178	Resp:	667004
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.3	13.0	19.6

Manual Integrations
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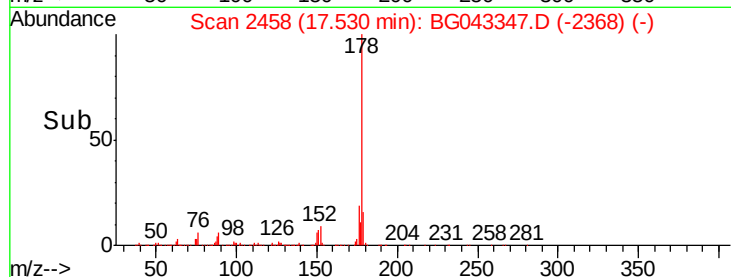
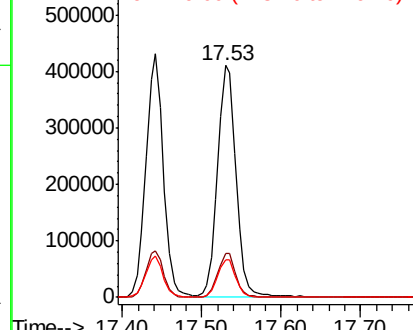


Abundance

Ion 178.00 (177.70 to 178.70): E

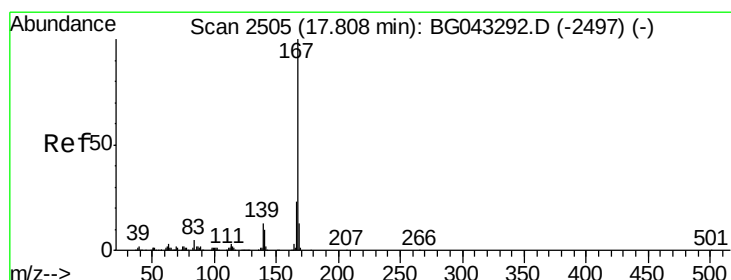
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#73

Carbazole

Concen: 2.026 ng

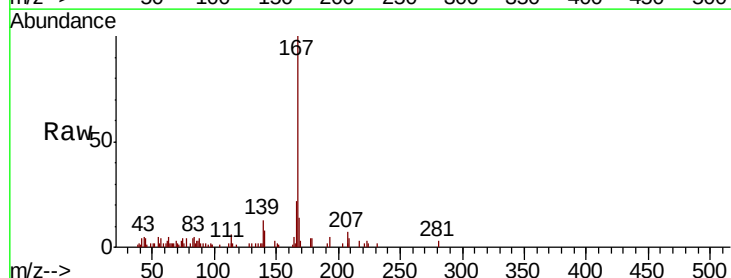
RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	167	Resp:	24120
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.4	27.6
139	13.5	10.2	15.4

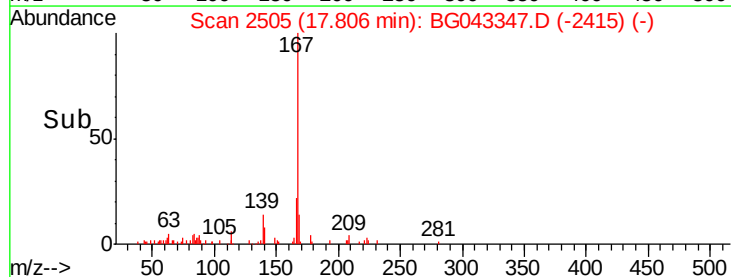
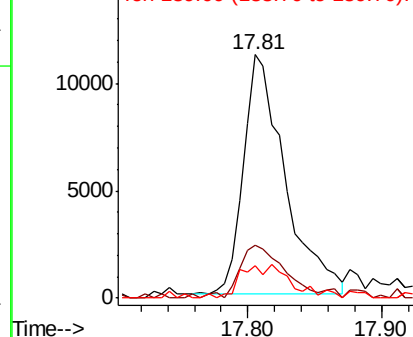


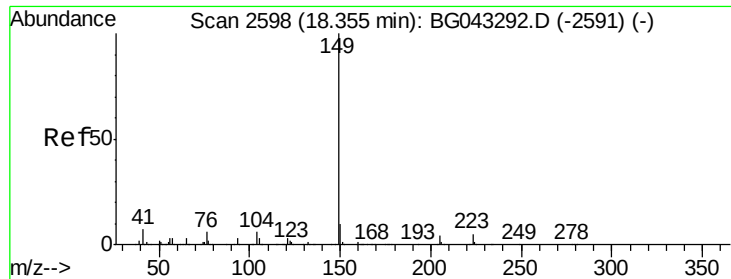
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



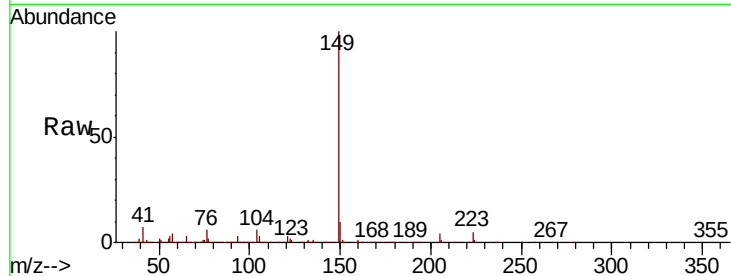


#74
Di-n-butylphthalate
Concen: 51.277 ng
RT: 18.35 min Scan# 2598
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

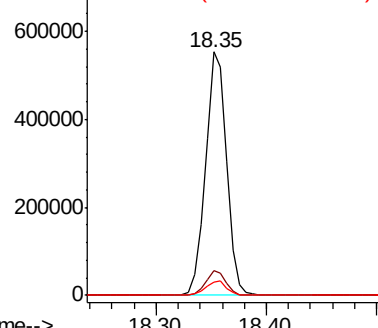
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	5.6	4.7	7.1

Manual Integrations
APPROVED

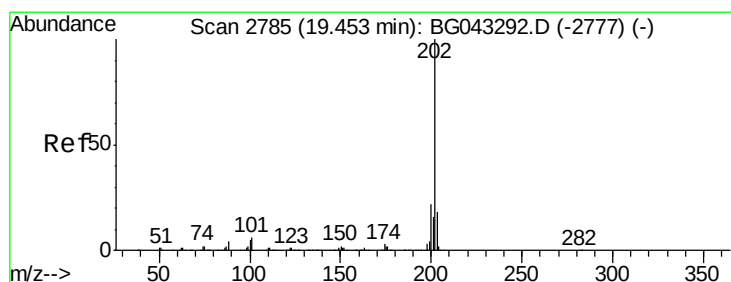
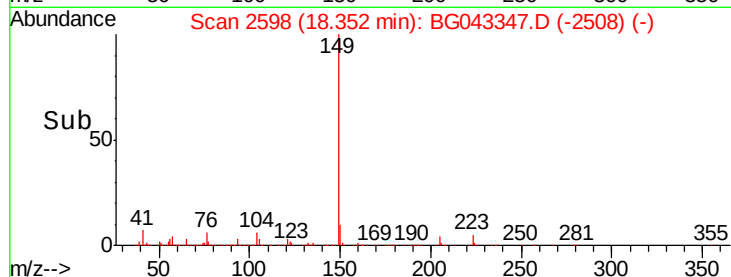


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



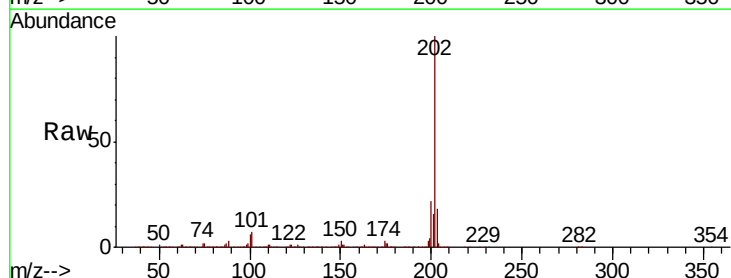
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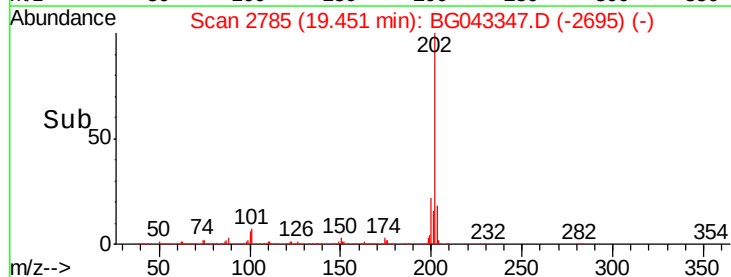
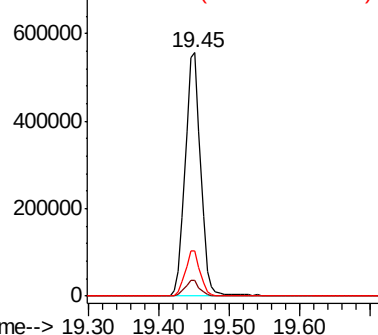


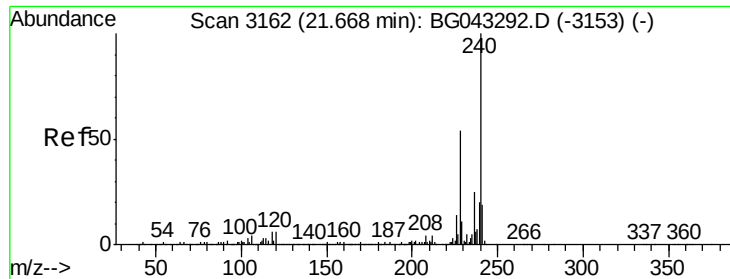
#75
Fluoranthene
Concen: 49.661 ng
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	26.0
203	18.4	0.0	38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



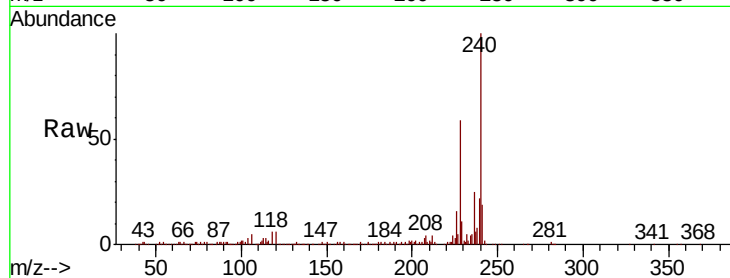


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	7.0
236	24.9	20.2	30.4

Manual Integrations
APPROVED

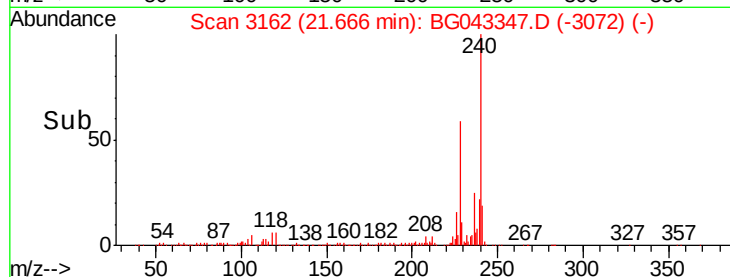
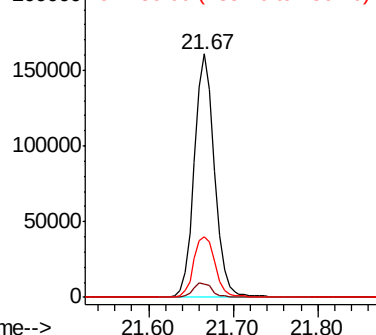


Abundance

Ion 240.00 (239.70 to 240.70): E

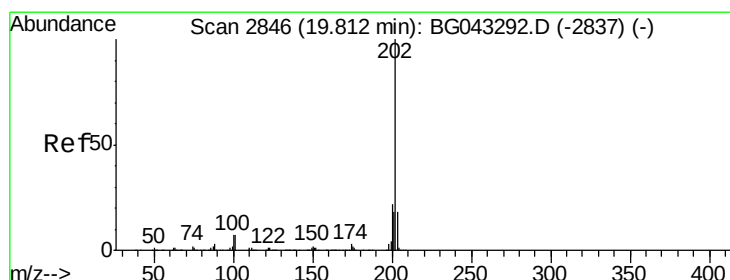
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#78
Pyrene
Concen: 42.623 ng
RT: 19.81 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

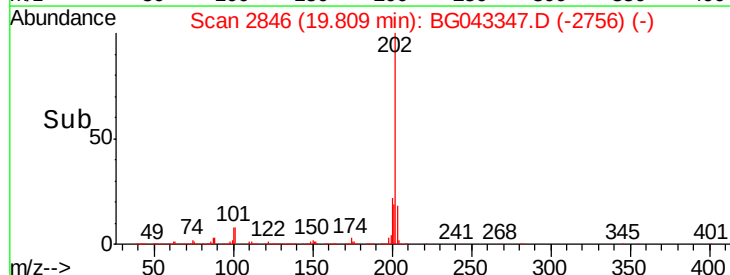
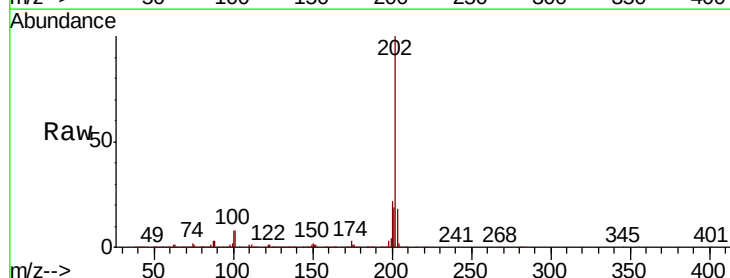
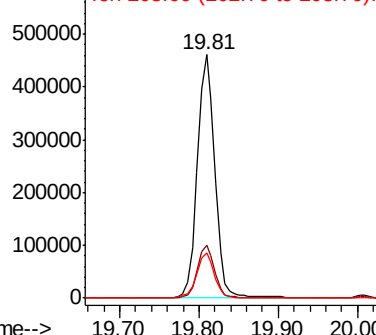
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.3	25.9
203	18.5	14.5	21.7

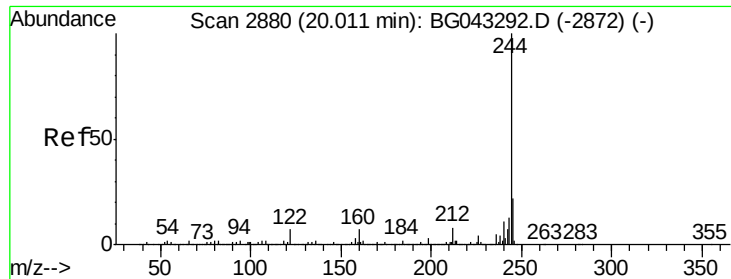
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



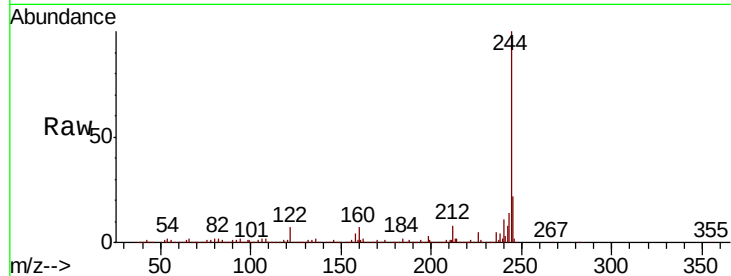


#79
 Terphenyl-d14
 Concen: 100.300 ng
 RT: 20.01 min Scan# 2880
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

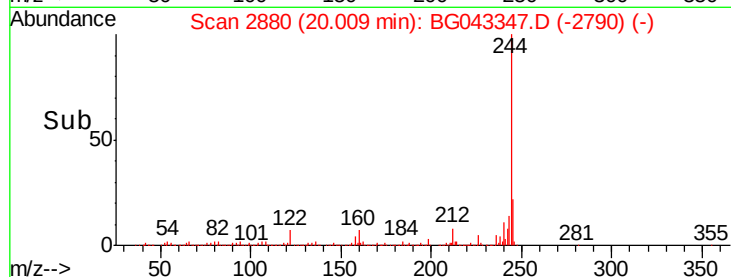
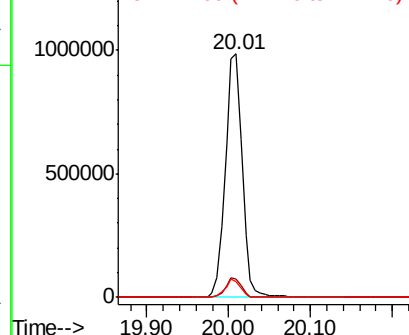
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	6.7	5.3	7.9

Manual Integrations
 APPROVED

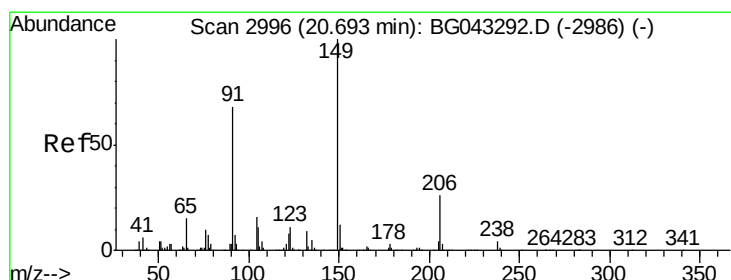


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



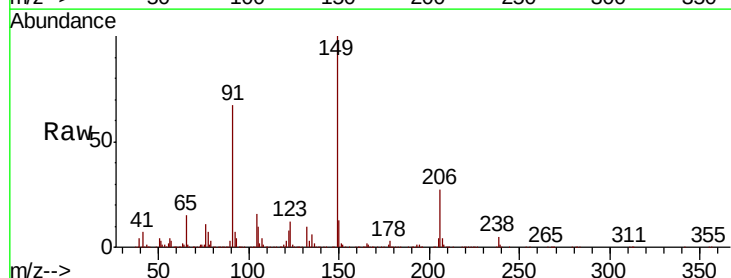
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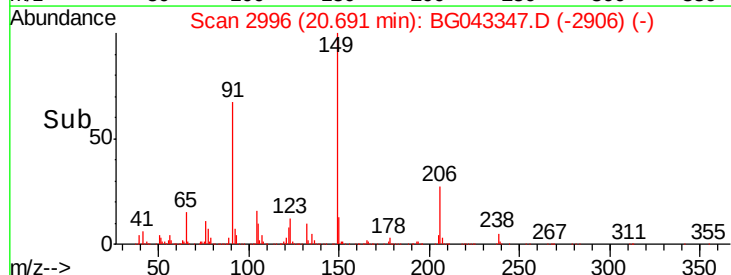
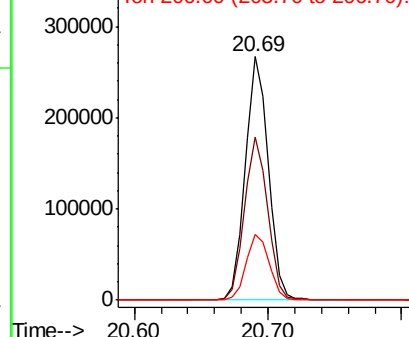


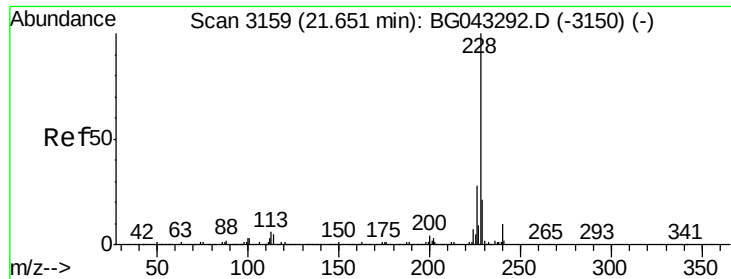
#80
 Butylbenzylphthalate
 Concen: 50.816 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	54.6	82.0
206	26.9	20.5	30.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.034 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

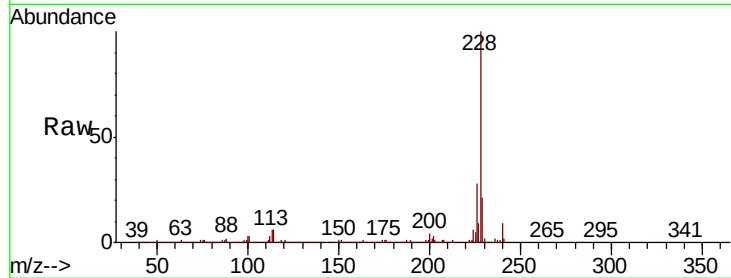
BNA_G

ClientSampleId :

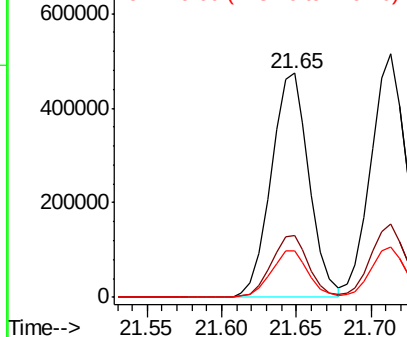
ROLL-OFF-WATERMSD

Tot Ion:	228	Resp:	835928
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.2	33.4
229	20.7	16.9	25.3

Manual Integrations
APPROVED

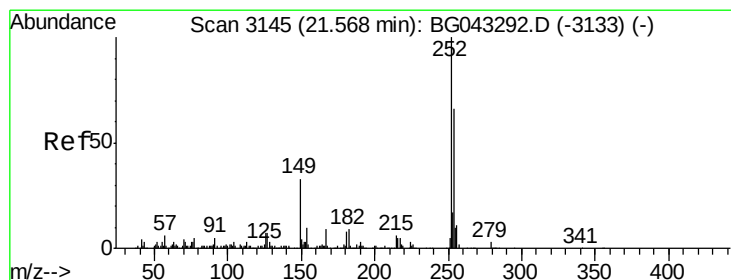
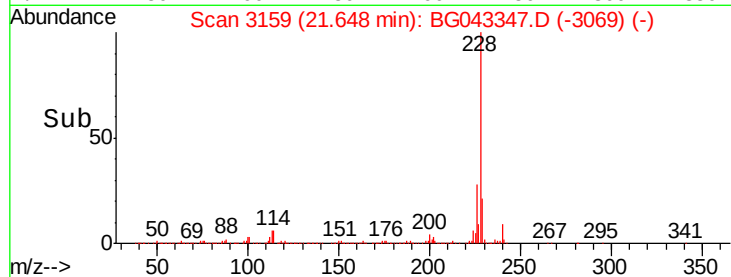


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#82

3,3'-Dichlorobenzidine

Concen: 0.421 ng

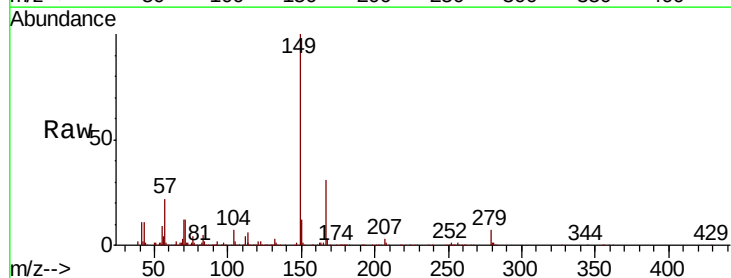
RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

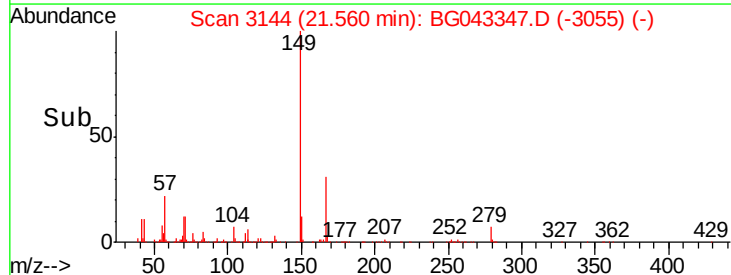
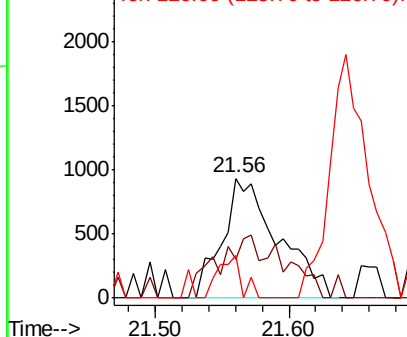
Lab File: BG043347.D

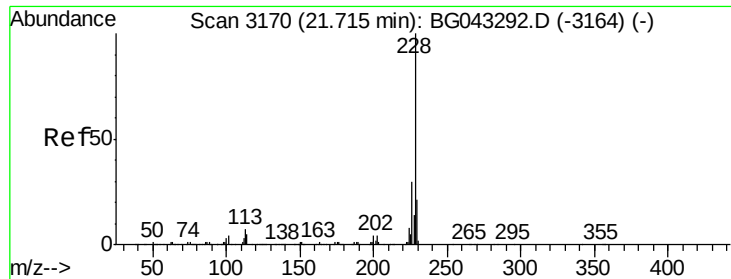
Acq: 25 Oct 2019 19:57

Tgt Ion:	252	Resp:	2719
Ion Ratio	Lower	Upper	
252	100		
254	32.4	52.7	79.1#
126	70.5	5.6	8.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



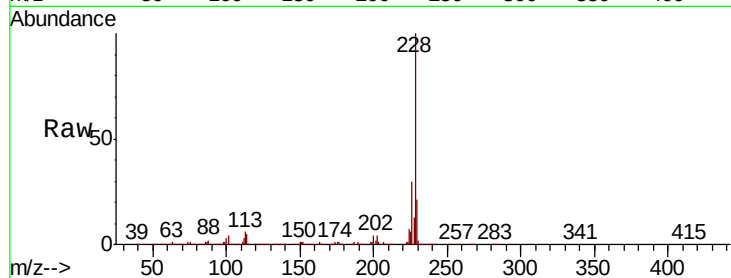


#83
 Chrysene
 Concen: 51.514 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

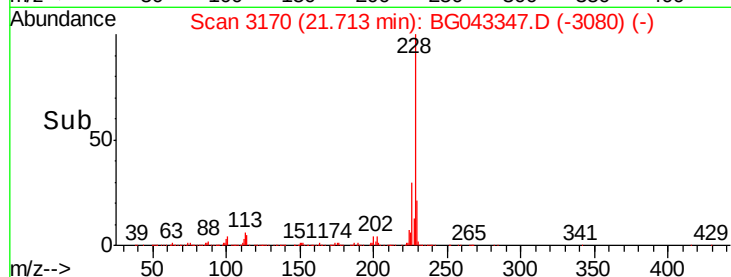
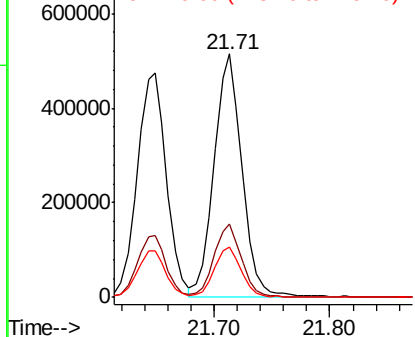
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion:	228	Resp:	855129
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.8
229	20.5	16.3	24.5

Manual Integrations
 APPROVED

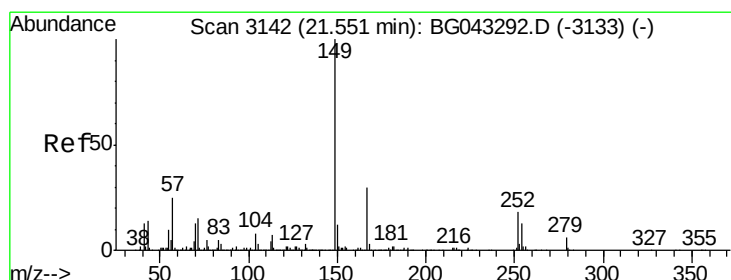


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



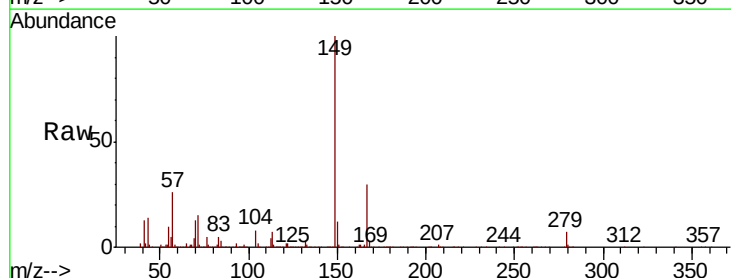
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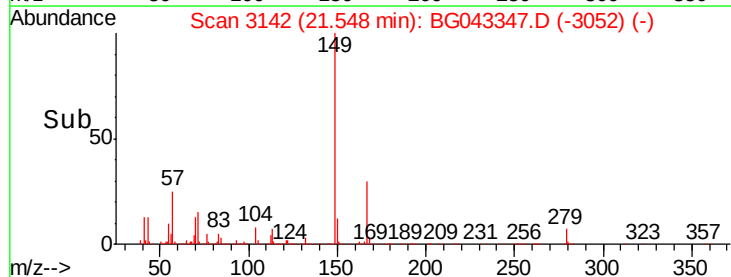
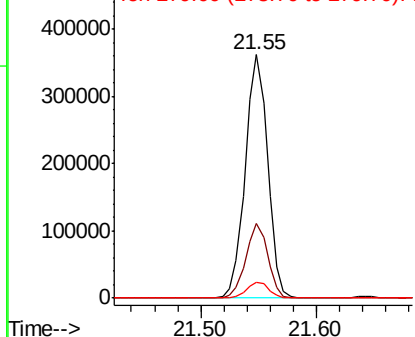


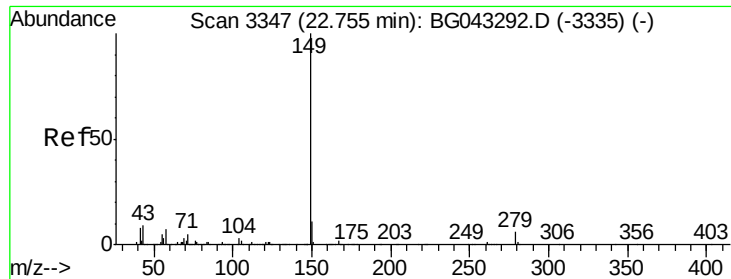
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.031 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion:	149	Resp:	488959
Ion Ratio	Lower	Upper	
149	100		
167	30.4	23.9	35.9
279	6.6	4.8	7.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



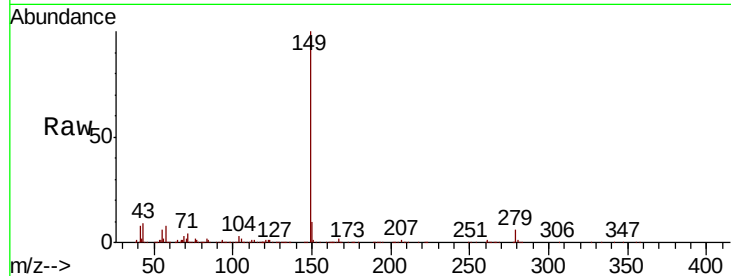


#85
Di-n-octyl phthalate
Concen: 55.680 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

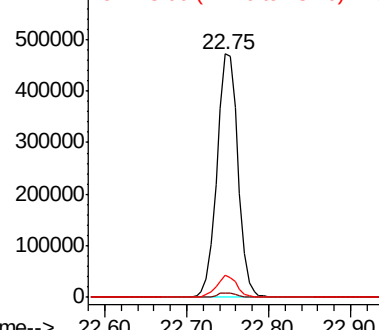
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8		1.4	2.0
43	8.6		6.9	10.3

Manual Integrations
APPROVED

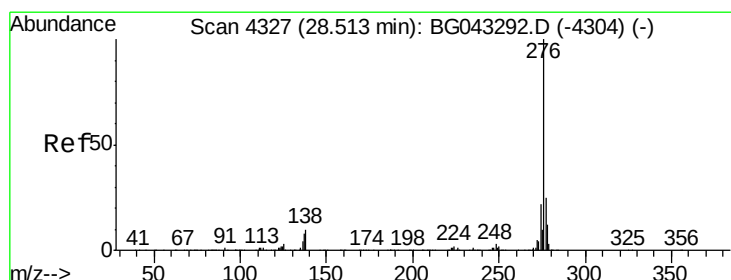
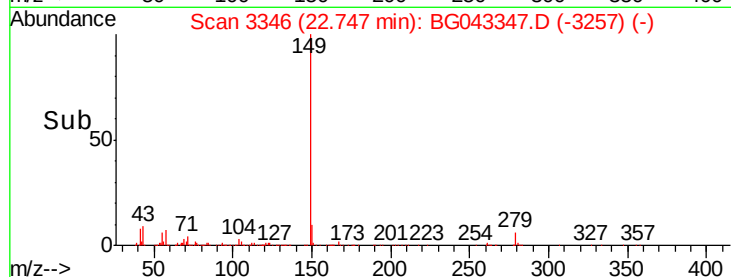


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



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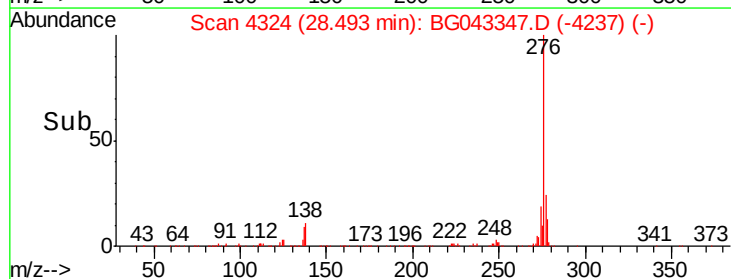
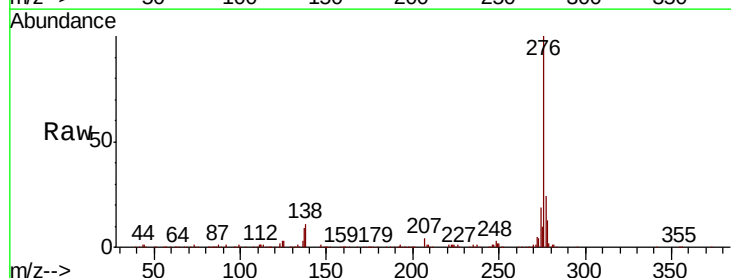
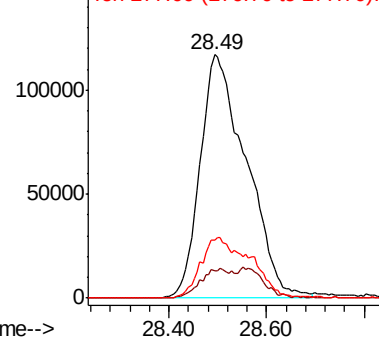
10/26/2019 10:01:00 AM

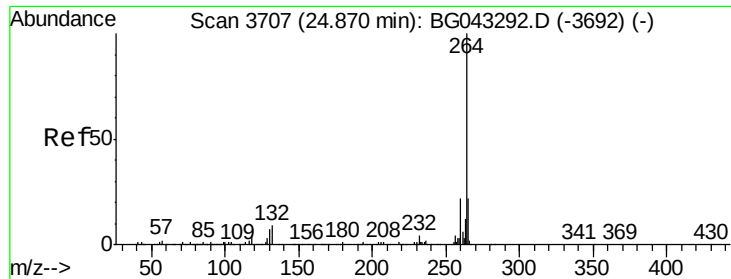


#86
Indeno(1,2,3-cd)pyrene
Concen: 36.869 ng
RT: 28.49 min Scan# 4324
Delta R.T. -0.02 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	4.7		7.2	10.8#
277	26.9		20.9	31.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

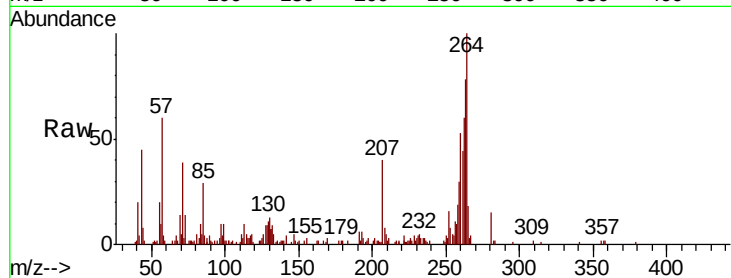
BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

Tot Ion:	264	Resp:	42215
Ion Ratio	Lower	Upper	
264	100		
260	52.7	17.9	26.9#
265	18.4	17.4	26.2

Manual Integrations
APPROVED

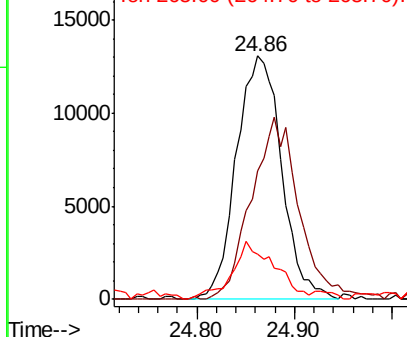


Abundance

Ion 264.00 (263.70 to 264.70): E

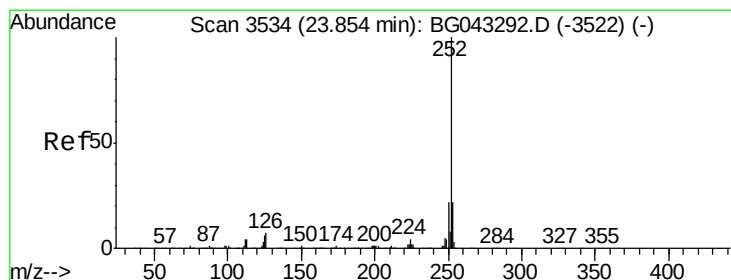
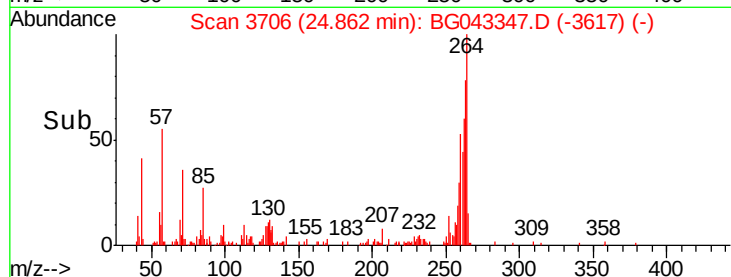
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



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#88

Benzo(b)fluoranthene

Concen: 377.083 ng

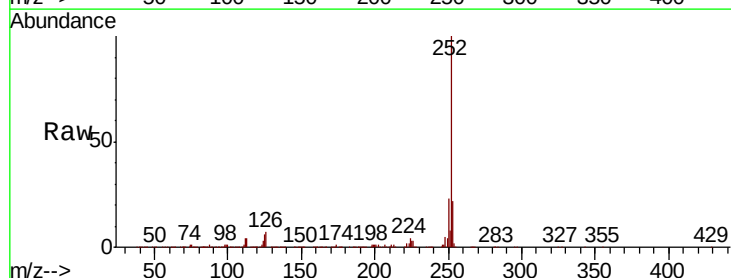
RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	252	Resp:	901576
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	5.8	5.0	7.6

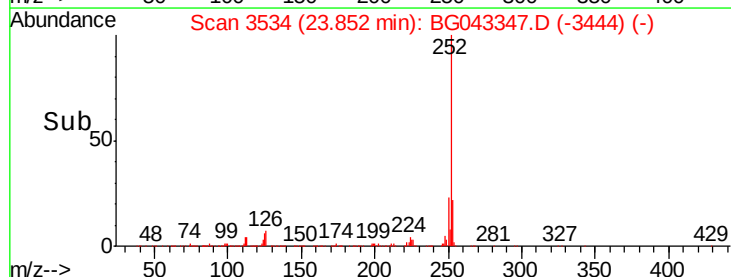
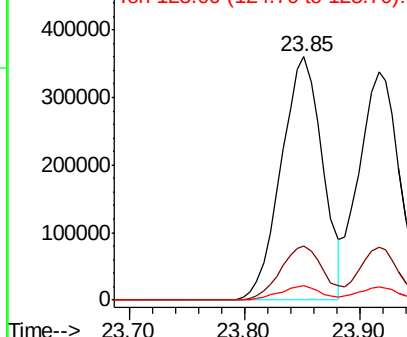


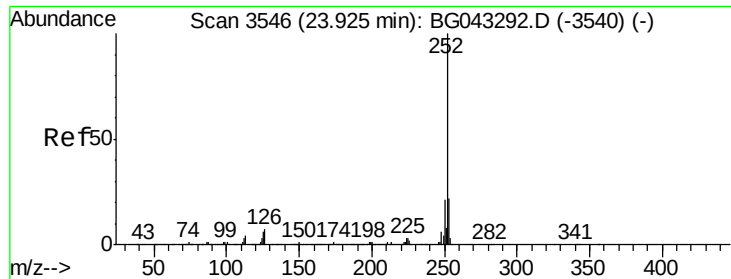
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 349.123 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

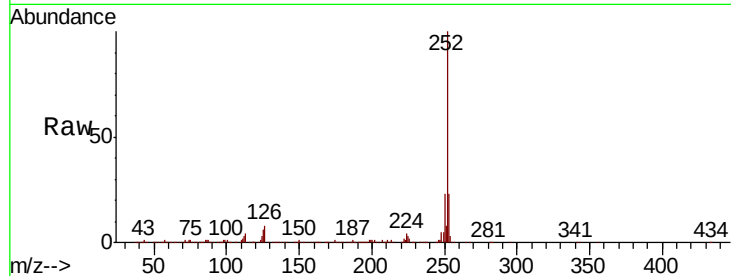
BNA_G

ClientSampleId :

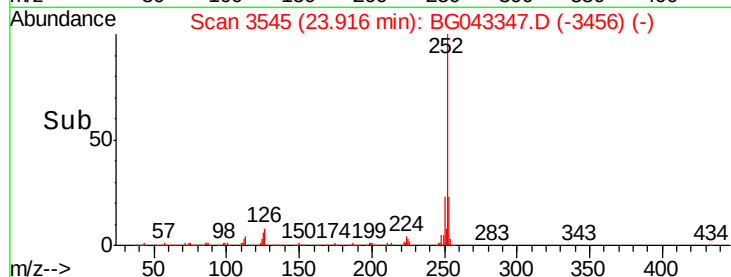
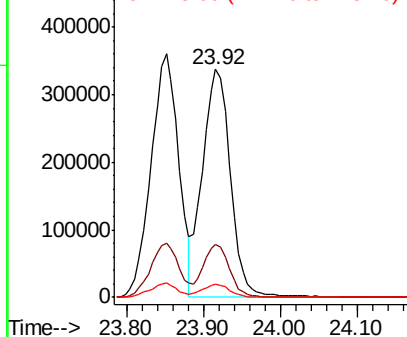
ROLL-OFF-WATERMSD

Tot Ion:	252	Resp:	840326
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	5.8	4.5	6.7

Manual Integrations
APPROVED

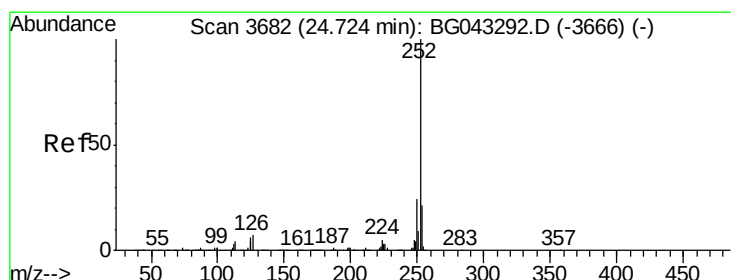


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



mohammad

10/26/2019 10:01:00 AM



#90

Benzo(a)pyrene

Concen: 213.355 ng

RT: 24.71 min Scan# 3680

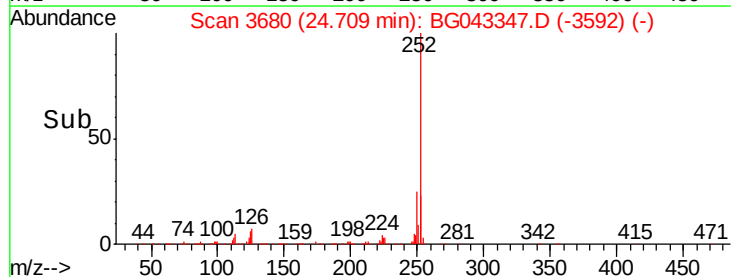
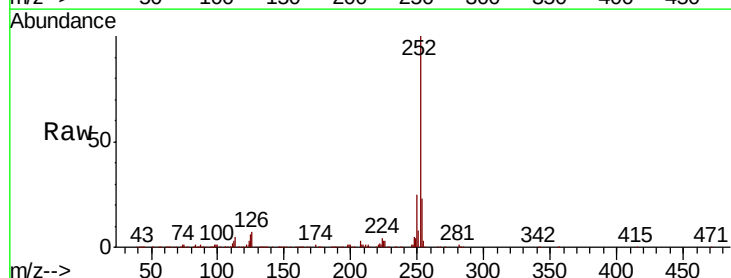
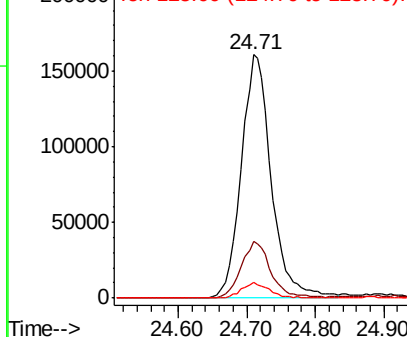
Delta R.T. -0.01 min

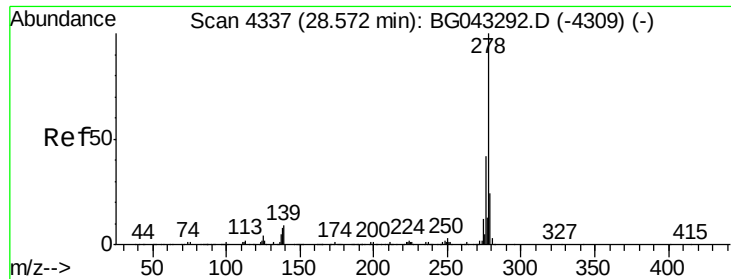
Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	252	Resp:	487123
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.2	25.8
125	6.3	5.0	7.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 372.212 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

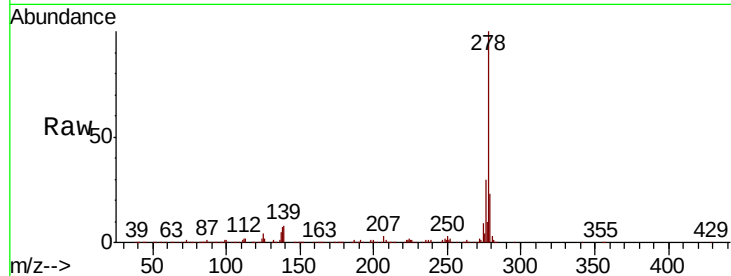
BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

Tot Ion:	278	Resp:	869241
Ion Ratio	Lower	Upper	
278	100		
139	8.5	6.8	10.2
279	23.4	19.0	28.6

Manual Integrations
APPROVED

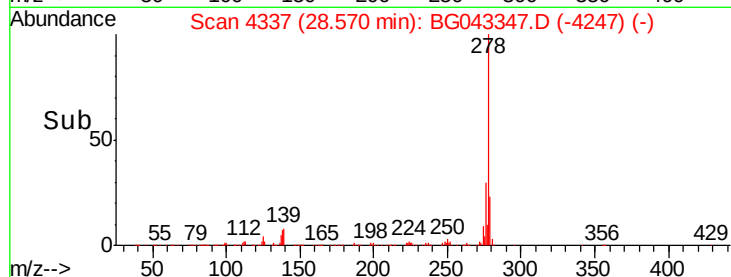
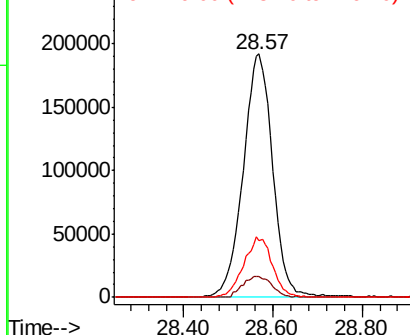


Abundance

Ion 278.00 (277.70 to 278.70): E

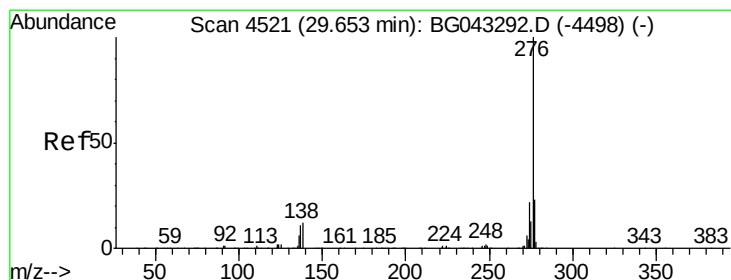
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



mohammad

10/26/2019 10:01:00 AM



#92

Benzo(g,h,i)perylene

Concen: 255.943 ng

RT: 29.64 min Scan# 4519

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:	276	Resp:	589585
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.3	27.5
138	11.6	9.3	13.9

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

